

Datasheet Conveyor Belt

NITTA BELT TYPE: 1 LRAFP 02/LB2 IM M 0,75 Nitta Japan code:	BELT NO.: 2055	
---	---------------------------------	---

Construction:	1 ply polyester, rigid, antistatic
----------------------	------------------------------------

	TOP COVER	INNER LAYER	BOTTOM SIDE	
Material:	PU	-	Impregnated antistatic fabric	
Thickness approx.:	0,2 mm 0,008 inch	-	- mm	- inch
Colour:	Blue	Not applicable	-	
Hardness:	87 Shore A	-	-	
Profile:	Matt surface	-	-	

Total thickness approx.:	0,75 mm	0,030 inch
Weight approx.:	0,9 kg/m ²	0,18 lbf/ft ²
Max. width:	3000 mm	118,11 inch
Belt support:	Sliderbed (Rollers), Flat	
Rating at 1% elongation:	4 N/mm	4 lbf/inch
Advised pretension:	2 - 3 N/mm	11 to 17 lbf/inch
Maximum allowable tension:	6 N/mm	34 lbf/inch
Temperature range:	-20 to +80 °C	-4 to 176 °F
Minimum pulley diameters:		
Flexing:	6 - 10 mm	0,236 - 0,393 inch
Backflexing:	15 mm	0,59 inch

Special approval:	FDA, EU10/2011, Flame retardant: UL94HB		
Flame retardent: yes	Whisper bottom side: no	Extra Rigid: no	
Coefficient of friction to steel:	0,15		

Applications:	<p>Blue colour makes potential product contamination visible</p> <p>Light duty conveyor belt in the food industry</p> <p>Dough handling in bakeries</p> <p>Cooling tunnels for chocolate</p> <p>Oil and grease resistant</p>
----------------------	--

Date of issue 31-07-2019-1

Datasheet Conveyor Belt

NITTA BELT TYPE: 1 LRAFP 02/W2 IM M 0,75	BELT NO.: 2052	
Nitta Japan code: WU-7A		

Construction:	1 ply polyester, rigid, antistatic
----------------------	------------------------------------

	TOP COVER	INNER LAYER	BOTTOM SIDE	
Material:	PU	-	Impregnated antistatic fabric	
Thickness approx.:	0,2 mm 0,008 inch	-	- mm	- inch
Colour:	White	Not applicable	-	
Hardness:	87 Shore A	-	-	
Profile:	Matt surface	-	-	

Total thickness approx.:	0,75 mm	0,030 inch
Weight approx.:	0,9 kg/m ²	0,18 lbf/ft ²
Max. width:	3000 mm	118,11 inch
Belt support:	Sliderbed (Rollers), Flat	
Rating at 1% elongation:	4 N/mm	4 lbf/inch
Advised pretension:	2 - 3 N/mm	11 to 17 lbf/inch
Maximum allowable tension:	6 N/mm	34 lbf/inch
Temperature range:	-20 to +80 °C	-4 to 176 °F
Minimum pulley diameters:		
Flexing:	6 - 10 mm	0,236 - 0,393 inch
Backflexing:	15 mm	0,59 inch

Special approval:	FDA, EU10/2011, Flame retardant: UL94HB		
Flame retardent: yes	Whisper bottom side: no	Extra Rigid: no	
Coefficient of friction to steel:	0,15		

Applications:	<ul style="list-style-type: none"> Oil and grease resistant Light duty conveyor belt in the food industry Dough handling in bakeries Cooling tunnels for chocolate
----------------------	--

Date of issue 31-07-2019-1

Datasheet Conveyor Belt

NITTA BELT TYPE: 2 LRAFP 02/LB2 IM M 1,40 Nitta Japan code:	BELT NO.: 2061	
---	---------------------------------	---

Construction:	2 plies polyester, rigid, antistatic
----------------------	--------------------------------------

	TOP COVER	INNER LAYER	BOTTOM SIDE	
Material:	PU	PU	Impregnated antistatic fabric	
Thickness approx.:	0,2 mm	0,008 inch	- mm	- inch
Colour:	Blue	Blue	-	
Hardness:	87 Shore A		-	
Profile:	Matt surface		-	

Total thickness approx.:	1,4 mm	0,055 inch		
Weight approx.:	1,6 kg/m ²	0,32 lbf/ft ²		
Max. width:	3000 mm	118,11 inch		
Belt support:	Sliderbed (Rollers), Flat			
Rating at 1% elongation:	9 N/mm	9 lbf/inch		
Advised pretension:	4 - 6 N/mm	22 to 34 lbf/inch		
Maximum allowable tension:	12 N/mm	68 lbf/inch		
Temperature range:	-20 to +80 °C	-4 to 176 °F		
Minimum pulley diameters:				
Flexing:	6 - 10 mm	0,236 - 0,393 inch		
Backflexing:	20 mm	0,78 inch		

Special approval:	FDA, EU10/2011, Flame retardant: UL94HB		
Flame retardent: yes	Whisper bottom side: no	Extra Rigid: no	
Coefficient of friction to steel:	0,15		

Applications:	<ul style="list-style-type: none"> Blue colour makes potential product contamination visible Suitable for knife-edge applications Cooling belt in bakeries Oil and grease resistant Matt finish with easy release properties Conveyor belt in bakeries Conveyor belt for the food industry
----------------------	---

Date of issue 31-07-2019-2

Datasheet Conveyor Belt

NITTA BELT TYPE: 2 LRAFP 02/W2 IM M 1,40 Nitta Japan code:	BELT NO.: 2058	
--	---------------------------------	---

Construction:	2 plies polyester, rigid, antistatic
----------------------	--------------------------------------

	TOP COVER	INNER LAYER	BOTTOM SIDE	
Material:	PU	PU	Impregnated antistatic fabric	
Thickness approx.:	0,2 mm	0,008 inch	- mm	- inch
Colour:	White	White	-	
Hardness:	87 Shore A		-	
Profile:	Matt surface		-	

Total thickness approx.:	1,4 mm	0,055 inch	
Weight approx.:	1,6 kg/m ²	0,32 lbf/ft ²	
Max. width:	3000 mm	118,11 inch	
Belt support:	Sliderbed (Rollers), Flat		
Rating at 1% elongation:	9 N/mm	9 lbf/inch	
Advised pretension:	4 - 6 N/mm	22 to 34 lbf/inch	
Maximum allowable tension:	12 N/mm	68 lbf/inch	
Temperature range:	-20 to +80 °C	-4 to 176 °F	
Minimum pulley diameters:			
Flexing:	6 - 10 mm	0,236 - 0,393 inch	
Backflexing:	20 mm	0,78 inch	

Special approval:	FDA, EU10/2011, Flame retardant: UL94HB		
Flame retardent: yes	Whisper bottom side: no	Extra Rigid: no	
Coefficient of friction to steel:	0,15		

Applications:	<ul style="list-style-type: none"> Conveyor belt for the food industry Conveyor belt in bakeries Cooling belt in bakeries Oil and grease resistant Suitable for knife-edge applications
----------------------	--

Date of issue 19-08-2019-3

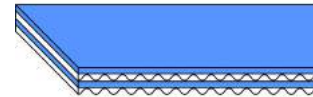
Datasheet Conveyor Belt

Berenkoog 25
1822 BH Alkmaar
The Netherlands

T: +31 (0)72 562 22 34
F: +31 (0)72 561 32 38

E: sales@nitta.nl
www.nittacorporation.com

- **NITTA BELT TYPE:
2 LRAFP SIL B/02 IM**
- **Nitta Japan code:**



Construction: 2 plies polyester, rigid, antistatic

	TOP COVER	INNER LAYER	BOTTOM SIDE
Material:	Silicone	PU	Impregnated antistatic fabric
Thickness:	0,15	-	-
Colour:	Blue	Blue	-
Hardness:	40 Shore A	-	-
Profile:	-	-	-

Total thickness:	1,4	mm (approx.)
Weight:	1,6	kg/m ² (approx.)
Max. width:	3000	mm
Belt support:	Sliderbed (Rollers), Flat	
Rating at 1% elongation:	9	N/mm
Advised pretension:	4 - 7	N/mm
Maximum allowable tension:	14	N/mm
Temperature range:	-10 to +80	°C
Minimum pulley diameters:		
Flexing:	8 - 10	mm
Backflexing:	20	mm

Special approval: FDA

Applications:

- Conveyor belt for the food industry
- Excellent release of dough in bakeries
- Oil and grease resistant
- lamination and folding in diapers production
- Blue colour makes potential product contamination visible

Date of issue 19-07-2016-2

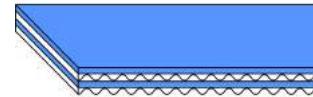
Datasheet Conveyor Belt

Berenkoog 25
1822 BH Alkmaar
The Netherlands

T: +31 (0)72 562 22 34
F: +31 (0)72 561 32 38

E: sales@nitta.nl
www.nittacorporation.com

- **NITTA BELT TYPE:**
2 LRAFP SIL W/02 IM
- **Nitta Japan code:**



Construction: 2 plies polyester, rigid, antistatic

	TOP COVER	INNER LAYER	BOTTOM SIDE
Material:	Silicone	PU	Impregnated antistatic fabric
Thickness:	0,15	-	-
Colour:	White	White	-
Hardness:	40 Shore A	-	-
Profile:	-	-	-

Total thickness:	1,4	mm (approx.)
Weight:	1,6	kg/m ² (approx.)
Max. width:	3000	mm
Belt support:	Sliderbed (Rollers), Flat	
Rating at 1% elongation:	9	N/mm
Advised pretension:	4 - 7	N/mm
Maximum allowable tension:	14	N/mm
Temperature range:	-10 to +80	°C
Minimum pulley diameters:		
Flexing:	8 - 10	mm
Backflexing:	20	mm

Special approval: FDA

Applications:

- Conveyor belt for the food industry
- Excellent release of dough in bakeries
- Oil and grease resistant
- lamination and folding in diapers production

Date of issue 19-07-2016-2

Datasheet Conveyor Belt

NITTA BELT TYPE: 2 SRAFP 02/LB2 IM Nitta Japan code:	BELT NO.: 2137	
--	---------------------------------	---

Construction:	2 plies fray-less polyester, rigid, antistatic, spun
----------------------	--

	TOP COVER	INNER LAYER	BOTTOM SIDE	
Material:	PU	PU	Impregnated antistatic fabric	
Thickness approx.:	0,2 mm	0,008 inch	- mm	- inch
Colour:	Blue	Transparent	-	-
Hardness:	87 Shore A	-	-	-
Profile:	Glossy	-	-	-

Total thickness approx.:	1,5 mm	0,059 inch	
Weight approx.:	1,8 kg/m ²	0,36 lbf/ft ²	
Max. width:	3000 mm	118,11 inch	
Belt support:	Sliderbed (Rollers), Flat		
Rating at 1% elongation:	7 N/mm	40 lbf/inch	
Advised pretension:	3 - 5 N/mm	17 to 28 lbf/inch	
Maximum allowable tension:	8 N/mm	45 lbf/inch	
Temperature range:	-20 to +80 °C	-4 to 176 °F	
Minimum pulley diameters:			
Flexing:	6 - 10 mm	0,236 - 0,393 inch	
Backflexing:	20 mm	0,78 inch	

Special approval:	FDA, EU10/2011, Flame retardant: UL94HB		
Flame retardant: yes	Whisper bottom side: no	Extra Rigid: no	
Coefficient of friction to steel:	0,17		

Applications:	<p>Conveyor belt for the food industry</p> <p>This belt has frayless properties</p> <p>Cooling belt in bakeries</p> <p>Oil and grease resistant</p> <p>Conveyor belt in bakeries</p> <p>Blue colour makes potential product contamination visible</p>
----------------------	---

Date of issue 16-07-2020-1

Datasheet Conveyor Belt

NITTA BELT TYPE: 2 SRAFP 02/LB2 IM M Nitta Japan code:	BELT NO.: 2109	
--	---------------------------------	---

Construction:	2 plies fray-less polyester, rigid, antistatic, spun
----------------------	--

	TOP COVER	INNER LAYER	BOTTOM SIDE	
Material:	PU	PU	Impregnated antistatic fabric	
Thickness approx.:	0,2 mm	0,008 inch	- mm	- inch
Colour:	Blue	Transparent	-	
Hardness:	87 Shore A		-	
Profile:	Matt surface		-	

Total thickness approx.:	1,5 mm	0,059 inch	
Weight approx.:	1,8 kg/m ²	0,36 lbf/ft ²	
Max. width:	3000 mm	118,11 inch	
Belt support:	Sliderbed (Rollers), Flat		
Rating at 1% elongation:	7 N/mm	40 lbf/inch	
Advised pretension:	3 - 5 N/mm	17 to 28 lbf/inch	
Maximum allowable tension:	8 N/mm	45 lbf/inch	
Temperature range:	-20 to +80 °C	-4 to 176 °F	
Minimum pulley diameters:			
Flexing:	6 - 10 mm	0,236 - 0,393 inch	
Backflexing:	20 mm	0,78 inch	

Special approval:	FDA, EU10/2011, Flame retardant: UL94HB		
Flame retardant: yes	Whisper bottom side: no	Extra Rigid: no	
Coefficient of friction to steel:	0,17		

Applications:	<p>Conveyor belt for the food industry</p> <p>This belt has frayless properties</p> <p>Cooling belt in bakeries</p> <p>Oil and grease resistant</p> <p>Conveyor belt in bakeries</p> <p>Blue colour makes potential product contamination visible</p>
----------------------	---

Date of issue 16-07-2020-2

Datasheet Conveyor Belt

NITTA BELT TYPE: 2 SRAFP 02/W2 IM Nitta Japan code:	BELT NO.: 2129	
---	---------------------------------	---

Construction:	2 plies fray-less polyester, rigid, antistatic, spun
----------------------	--

	TOP COVER	INNER LAYER	BOTTOM SIDE	
Material:	PU	PU	Impregnated antistatic fabric	
Thickness approx.:	0,2 mm 0,008 inch		- mm	- inch
Colour:	White	White	-	
Hardness:	87 Shore A		-	
Profile:	Glossy		-	

Total thickness approx.:	1,5 mm	0,059 inch		
Weight approx.:	1,8 kg/m ²	0,36 lbf/ft ²		
Max. width:	3000 mm	118,11 inch		
Belt support:	Sliderbed (Rollers), Flat			
Rating at 1% elongation:	7 N/mm	40 lbf/inch		
Advised pretension:	3 - 5 N/mm	17 to 28 lbf/inch		
Maximum allowable tension:	8 N/mm	45 lbf/inch		
Temperature range:	-20 to +80 °C	-4 to 176 °F		
Minimum pulley diameters:				
Flexing:	6 - 10 mm	0,236 - 0,393 inch		
Backflexing:	20 mm	0,78 inch		

Special approval:	FDA, EU10/2011, Flame retardant: UL94HB		
Flame retardant: yes	Whisper bottom side: no	Extra Rigid: no	
Coefficient of friction to steel:	0,17		

Applications:	<p>Conveyor belt for the food industry</p> <p>This belt has frayless properties</p> <p>Cooling belt in bakeries</p> <p>Oil and grease resistant</p> <p>Conveyor belt in bakeries</p>
----------------------	--

Date of issue 16-07-2020-1

Datasheet Conveyor Belt

NITTA BELT TYPE: 2 SRAFP 02/W2 IM M Nitta Japan code:	BELT NO.: 2110	
---	---------------------------------	---

Construction:	2 plies fray-less polyester, rigid, antistatic, spun
----------------------	--

	TOP COVER	INNER LAYER	BOTTOM SIDE	
Material:	PU	PU	Impregnated antistatic fabric	
Thickness approx.:	0,2 mm 0,008 inch		- mm	- inch
Colour:	White	White	-	
Hardness:	87 Shore A		-	
Profile:	Matt surface		-	

Total thickness approx.:	1,5 mm	0,059 inch	
Weight approx.:	1,8 kg/m ²	0,36 lbf/ft ²	
Max. width:	3000 mm	118,11 inch	
Belt support:	Sliderbed (Rollers), Flat		
Rating at 1% elongation:	7 N/mm	40 lbf/inch	
Advised pretension:	3 - 5 N/mm	17 to 28 lbf/inch	
Maximum allowable tension:	8 N/mm	45 lbf/inch	
Temperature range:	-20 to +80 °C	-4 to 176 °F	
Minimum pulley diameters:			
Flexing:	6 - 10 mm	0,236 - 0,393 inch	
Backflexing:	20 mm	0,78 inch	

Special approval:	FDA, EU10/2011, Flame retardant: UL94HB		
Flame retardant: yes	Whisper bottom side: no	Extra Rigid: no	
Coefficient of friction to steel:	0,17		

Applications:	<p>Conveyor belt for the food industry</p> <p>This belt has frayless properties</p> <p>Cooling belt in bakeries</p> <p>Oil and grease resistant</p> <p>Conveyor belt in bakeries</p>
----------------------	--

Date of issue 16-07-2020-2

Technical Sheet		BC-12A		Nitta Corp. of America		
C-007		(2LRF 2705)		8/5/2008		
ITEM		DESCRIPTION				
Belt Specs	Structure	<p>PVC(green) - 80° shore A - 0.5mm thick</p> <p>2.1mm</p> <p>PVC layer</p> <p>Polyester Fabric (white)</p>				
	Anti-Static	YES				
Manuf. Standard	Size	Width:	2000 or 3000 mm	78 or 118 in		
		Length:	100 m	328 ft		
Belt Properties	Tensile Strength	120 N/mm		686 lbs/in		
	Elongation at Break			12 %		
	Standard Tension	★★★★★		0.5 %		
	Working Load at 1%	8 N/mm		46 lbs/in		
	Min. Pulley Diameter	Finger Joint :	30 mm		1.18 in	
		Skiver Joint :	50 mm		2.0 in	
	Temperature Range	Continuously:	-10 to +70 °C		14 to 158 °F	
		Periodically :	-20 to +100 °C		-4 to 212 °F	
	Coefficient of Friction (STEEL)	top :	0.7 to 0.8			
		Bottom :	0.2 to 0.25			
Weight	2.5 kg/m ²		0.51 lbs/ft ²			
Applications / Special Properties	All around general conveying; good cover wear; Pulley side-high quality weave, low noise					

Phone: (800) 221-3689

www.nitta.com


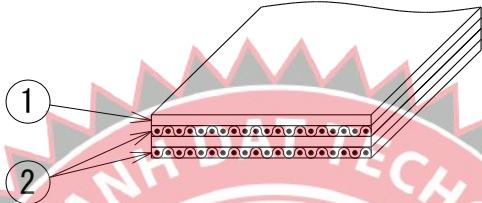
Fax: (770) 623-1398


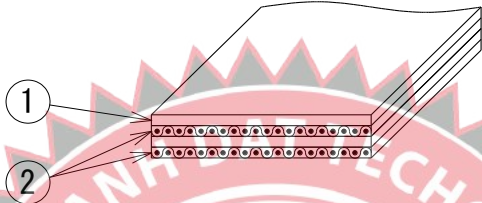
Technical Sheet		BC-12A		Nitta Corp. of America		
C-007		(2LRF 2705)		8/5/2008		
ITEM		DESCRIPTION				
Belt Specs	Structure	<p>PVC(green) - 80° shore A - 0.5mm thick</p> <p>2.1mm</p> <p>PVC layer</p> <p>Polyester Fabric (white)</p>				
	Anti-Static	YES				
Manuf. Standard	Size	Width:	2000 or 3000 mm	78 or 118 in		
		Length:	100 m	328 ft		
Belt Properties	Tensile Strength	120 N/mm		686 lbs/in		
	Elongation at Break			12 %		
	Standard Tension	★★★★★		0.5 %		
	Working Load at 1%	8 N/mm		46 lbs/in		
	Min. Pulley Diameter	Finger Joint :	30 mm		1.18 in	
		Skiver Joint :	50 mm		2.0 in	
	Temperature Range	Continuously:	-10 to +70 °C		14 to 158 °F	
		Periodically :	-20 to +100 °C		-4 to 212 °F	
	Coefficient of Friction (STEEL)	top :	0.7 to 0.8			
		Bottom :	0.2 to 0.25			
Weight	2.5 kg/m ²		0.51 lbs/ft ²			
Applications / Special Properties	All around general conveying; good cover wear; Pulley side-high quality weave, low noise					

Phone: (800) 221-3689

www.nitta.com

Fax: (770) 623-1398

Technical Data Sheet		NLG™			
		Belt type	BC-20A		
C-011		Applications			<ul style="list-style-type: none"> • Steel industry • Conveyor for heavyweight material
Item		Description		Remarks	
Specification	Construction			①PVC (Mirror surface, Green) ②PES Fabric (White)	
	Dimensions	Antistatic	Yes		
	Width	10 to 3,000 [mm]			
	Length	700 to 100,000 [mm]		More than 2001mmW : Up to 50m	
	Thickness	2.8 [mm]			
	Joint	Finger Joint or Skiver Joint			
Properties	Tensile strength	200 [N/mm]		Test speed : 50 mm/min	
	Elongation at break	15 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]			
	Tension at 0.5 [%]	3 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	ϕ 50 [mm] (Finger Joint) ϕ 80 [mm] (Skiver Joint)			
	Operating temp.	-5 to 70 [°C]			
	Coefficient of friction	0.7 to 0.8(Steel) Polyurethane side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
Mass	3.3 [kg/m ²]				
Features					


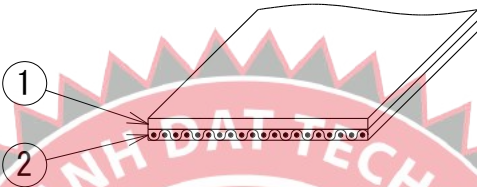
Technical Data Sheet		NLG™		
		Belt type	BC-22A	
Applications		<ul style="list-style-type: none"> • Steel industry • Conveyor for heavyweight material 		
Item		Description		Remarks
Specification	Construction			①PVC (Mirror surface, Green) ②PES Fabric (White)
	Dimensions	Antistatic	Yes	
	Width	10 to 3,000 [mm]		
	Length	700 to 100,000 [mm]		More than 2001mmW : Up to 50m
	Thickness	3.8 [mm]		
	Joint	Finger Joint or Skiver Joint		
Properties	Tensile strength	200 [N/mm]		Test speed : 50 mm/min
	Elongation at break	15 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	ϕ 60 [mm] (Finger Joint) ϕ 100 [mm] (Skiver Joint)		
	Operating temp.	-5 to 70 [°C]		
	Coefficient of friction	0.7 to 0.8(Steel) Polyurethane side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
Mass	4.6 [kg/m ²]			
Features				

Technical Sheet		BC-33A-35 (3 HRF 273 35)		Nitta Corp. of America 8/5/2008	
ITEM		DESCRIPTION			
Belt Specs	Structure	<p>PVC (green) - 35° shore A</p> <p>6.0 mm</p> <p>PVC layer</p> <p>Polyester Fabric (white)</p>			
	Anti-Static	YES			
Manuf. Standard	Size	Width: 2000 mm	78 in		
		Length: 100 m	328 ft		
Belt Properties	Tensile Strength	210 N/mm	1200 lbs/in		
	Elongation at Break	10 %			
	Standard Tension	0.5 %			
	Working Load at 1%	18 N/mm	103 lbs/in		
	Min. Pulley Diameter	Finger Joint :	150 mm	6.0 in	
		Skiver Joint :	200 mm	7.9 in	
	Temperature Range	Continuously:	-10 to +70 °C	14 to 158 °F	
		Periodically :	-20 to +100 °C	-4 to 212 °F	
	Coefficient of Friction (Steel)	top:	over 1.0		
bottom:		0.2 to 0.25			
Weight	6.8 kg/m ²	1.39 lbs/ft ²			
Special Properties					

Phone: (800) 221-3689

www.nitta.com

Fax: (770) 623-1398

Technical Data Sheet		NLG™		
		Belt type	BC-7A	
C-006		<ul style="list-style-type: none"> Conveyor for lightweight material 		
Applications				
Item		Description		Remarks
Specification	Construction			①PVC (Mirror surface, Green) ②PES Fabric (White)
	Dimensions	Antistatic	Yes	
	Width	10 to 3,000 [mm]		
	Length	700 to 100,000 [mm]		
	Thickness	1.0 [mm]		
	Joint	Finger Joint or Skiver Joint		
Properties	Tensile strength	70 [N/mm]		Test speed : 50 mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.3 [%]		
	Tension at 0.3 [%]	0.6 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	ϕ 20 [mm] (Finger Joint) ϕ 30 [mm] (Skiver Joint)		
	Operating temp.	-5 to 70 [°C]		
	Coefficient of friction	0.7 to 0.8(Steel) Polyurethane side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
Mass	1.1 [kg/m ²]			
Features				

Technical Sheet		BLC-12D (2 LRAF 901)		Nitta Corp. of America 8/5/2008		
ITEM		DESCRIPTION				
Belt Specs.	Structure	<p>PVC (black)</p> <p>1.7 mm</p> <p>Polyester Fabric</p>				
	Anti-Static	YES				
Manuf. Standard	Size	Width: 2000 or 3000 mm	78 or 118 in			
		Length: 100 m	328 ft			
Belt Properties	Tensile Strength	80 N/mm	457 lbs/in			
	Elongation at Break	12 %				
	Standard Tension	0.5 %				
	Working Load at 1%	8 N/mm	46 lbs/in			
	Min. Pulley Diameter	Finger Joint :	20 mm	0.79 in		
		Skiver Joint :	40 mm	1.58 in		
	Temperature Range	Continuously :	-10 to +70 °C		14 to 158 °F	
		Periodically :	-20 to +100 °C		-4 to 212 °F	
	Coefficient of Friction (Steel)	top:	0.2 to 0.25			
		bottom:	0.2 to 0.25			
Weight	1.8 kg/m ²		0.37 lbs/ft ²			
Special Properties	Optical Inspection / Accumulation					

Phone: (800) 221-3689

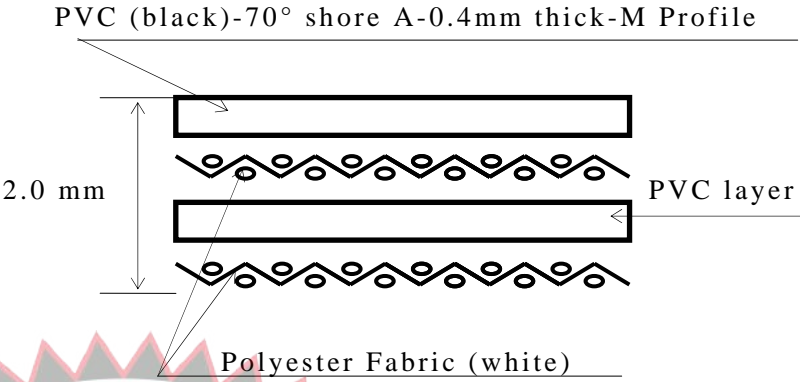
www.nitta.com

Fax: (770) 623-1398

Technical Data Sheet		NLG™		NITTA	
A-14		Belt type		BLC-18DKF2	
Applications		<ul style="list-style-type: none"> · Accumulation Belt · Internal Transport, Post Offices and Distribution Centers · Bowling Lanes – Pin Setters 			
Item		Description		Remarks	
Specification	Construction				
	Dimensions	Antistatic	Yes		
	Width	2000 or 3000 [mm]			
	Length	100,000 [mm]			
	Thickness	2.8 [mm]			
	Joint	Finger Joint: 20mmW x 50mmL or 10mmW x 70mmL			
Properties	Tensile strength	206 [N/mm]		Test speed: 50mm/min	
	Elongation at break	12 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]			
	Tension at 0.5%	3 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	80 [mm] (Finger Joint) 150 [mm] (Skive Joint)			
	Operating temp.	-10 to +70 [°C] (Continuously) -20 to +100 [°C] (Periodically)			
	Coefficient of friction	0.2 to 0.25 (Top) 0.2 to 0.25 (Bottom)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	3.1 [kg/m ²]			
Feature	<ul style="list-style-type: none"> · Low C.O.F · Good Release 				


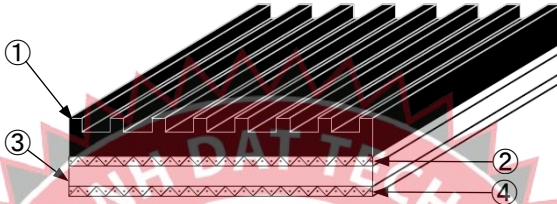
Industrial Products Div.


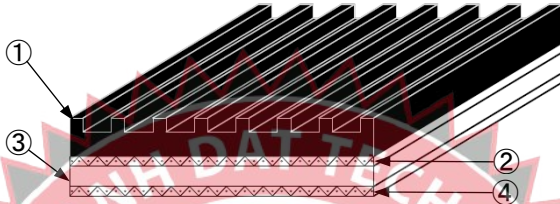
The contents of this TDS may be changed without notice.


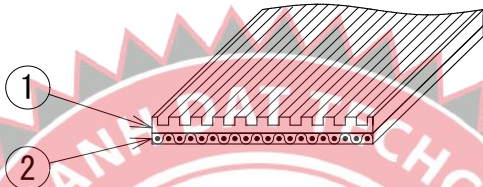
Technical Sheet		BLM-12A		Nitta Corp. of America		
C-027		(2 LRF 904 M)		8/5/2008		
ITEM		DESCRIPTION				
Belt Specs	Structure	PVC (black)-70° shore A-0.4mm thick-M Profile  2.0 mm PVC layer Polyester Fabric (white)				
	Anti-Static	YES				
Manuf. Standard	Size	Width: 2000 mm	78 in			
		Length: 100 m	328 ft			
Belt Properties	Tensile Strength	80 N/mm	457 lbs/in			
	Elongation at Break		12 %			
	Standard Tension		0.5 %			
	Working Load at 1%	8 N/mm	46 lbs/in			
	Min. Pulley Diameter	Finger Joint :	30 mm	1.18 in		
		Skiver Joint :	50 mm	2.0 in		
	Temperature Range	Continuously:	-10 to +70 °C		14 to 158 °F	
		Periodically :	-20 to +100 °C		-4 to 212 °F	
	Coefficient of Friction (Steel)	top:	0.5 to 0.6			
bottom:		0.2 to 0.25				
Weight		2.4 kg/m ²	0.49 lbs/ft ²			
Special Properties						


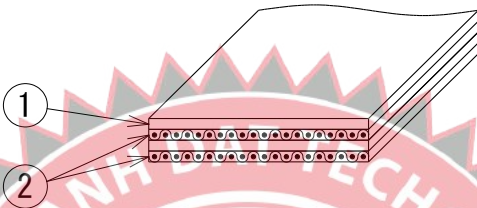
Phone: (800) 221-3689
 Fax: (770) 623-1398


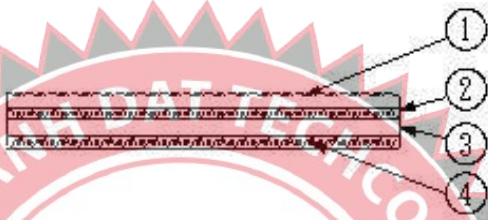
www.nitta.com

Technical Data Sheet		NLG™			
		Belt type	BLRB-12A		
Applications		<ul style="list-style-type: none"> • Inclined and declined conveyor • Conveyor for heavyweight material 			
Item		Description		Remarks	
Specification	Construction			①PVC (longitudinal groove, Black) ②Polyester Fabric (White) ③PVC Layer (Transparent) ④Polyester Fabric (White)	
	Dimensions	Antistatic	Yes		
Width		10 to 2,000 [mm]			
Length		up to 100,000 [mm]			
Thickness		2.9 [mm]			
Joint		Finger Joint or Skiver Joint			
Properties	Tensile strength	120 [N/mm]		Test speed : 50 mm/min	
	Elongation at break	12 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]			
	Tension at 0.5 [%]	2 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	Finger Joint: Ø40 [mm] Skiver Joint: Ø80 [mm]			
	Operating temp.	-10 to 70 [°C]			
	Coefficient of friction	Over 1.0 (Steel) PVC side 0.2 to 0.25 (Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	2.8 [kg/m ²]			
Feature					

Technical Data Sheet		NLG™			
		Belt type	BLRB-16A		
Applications		<ul style="list-style-type: none"> Inclined and declined conveyor Conveyor for heavyweight material 			
Item		Description		Remarks	
Specification	Construction			①PVC (longitudinal groove, Black) ②Polyester Fabric (White) ③PVC Layer (Transparent) ④Polyester Fabric (White Whisper Weave)	
	Dimensions	Antistatic	Yes		
Width		10 to 2,000 [mm]			
Length		up to 100,000 [mm]			
Thickness		3.2 [mm]			
Joint		Finger Joint or Skiver Joint			
Properties	Tensile strength	176 [N/mm]		Test speed : 50 mm/min	
	Elongation at break	12 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]			
	Tension at 0.5 [%]	2.25 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	Finger Joint: Forward-flex Ø40 [mm] Back-flex Ø80 [mm] Skiver Joint: Ø80 [mm]			
	Operating temp.	-10 to 70 [°C]			
	Coefficient of friction	Over 1.0 (Steel) PVC side 0.2 to 0.25 (Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	3.4 [kg/m ²]			
Feature					

Technical Data Sheet		NLG™		
		Belt type	BOR-16	
Applications		<ul style="list-style-type: none"> Conveyor for lightweight material 		
Item		Description		Remarks
Specification	Construction			①PVC (Longitudinal groove pattern, Black) ②PES Fabric (White)
	Dimensions	Antistatic	Yes	
	Width	10 to 2,000 [mm]		
	Length	700 to 100,000 [mm]		
	Thickness	1.65 [mm]		
	Joint	Clipper Joint		
Properties	Tensile strength	80 [N/mm]		Test speed : 50 mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	1.6 [N/mm] (After 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ40 [mm]		
	Operating temp.	-5 to 70 [°C]		
	Coefficient of friction	Over 1.0(Steel) PVC side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.4 [kg/m ²]		
Features				

Technical Data Sheet		NLG™			
		Belt type	BU-12A		
U-031		Applications			<ul style="list-style-type: none"> • Electronic components conveyor • Conveyor for middleweight material
Item		Description		Remarks	
Specification	Construction			①Conductive polyurethane (Mat surface, Black) ②PES Fabric (White)	
	Dimensions	Antistatic	Yes		
	Width	10 to 1,000 [mm]			
	Length	700 to 100,000 [mm]			
	Thickness	1.3 [mm]			
	Joint	Finger Joint or Skiver Joint			
Properties	Tensile strength	120 [N/mm]		Test speed : 50 mm/min	
	Elongation at break	15 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]			
	Tension at 0.5 [%]	2 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	φ50 [mm] (Finger Joint) φ50 [mm] (Skiver Joint)			
	Operating temp.	-20 to 80 [°C]			
	Coefficient of friction	0.3 to 0.4(Steel) Polyurethane side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	1.3 [kg/m ²]			
Features	<ul style="list-style-type: none"> • Conductivity. • Volume resistivity value of conduction polyurethane : 10⁴~10⁵ Ω · cm 				

Technical Data Sheet		Belt type	NITTA BELT POLY CBG-7S	NITTA CORPORATION 
		P-237		
Main uses				
No.	Item	Description	Remarks	
1	Specification	Construction		NBR (Textured Pattern, Blue) PA Fabric PA Film PA Fabric (Blue)
		Antistatic	Yes	
2	Dimensions	Width	10 to 305 { mm }	
		Length	1,000 to 105,000 { mm }	
		Thickness	3.5 {mm}	
		Joint	Skived joint Adhesive Polybond A and E	
3	Properties	Tensile strength	300 {N/mm}	Test speed: 50mm/min
		Elongation at break	20 {%}	Ambient condition: 23°C*50%
		Recommended elongation	1 {%}	
		Tension at 1%	7.5 {N/mm}	Ambient condition: 23°C*50%
		Minimum pulley dia.	75 {mm}	
		Temperature range	-20 to +80 {°C}	
		Coefficient of friction	0.7 to 0.8(Steel) (NBR side) 0.2 to 0.25(Steel) (Fabric side)	Measuring condition: 7kPa*1mm/s Ambient condition: 23°C*50%
Mass	3.5 {kg/m ² }			
4	Features			

Technical Sheet		CC-12AK		Nitta Corp. of America		
C-015		(2 LRF 704/00175)		8/6/2008		
ITEM		DESCRIPTION				
Belt Specs.	Structure	<p>PVC (white) - 75° shore A - 0.4mm thick</p> <p>2.0 mm</p> <p>Polyester Fabric (white)</p> <p>PVC layer</p>				
	Anti-Static	NO				
Manuf. Standard	Size	Width:	2000 or 3000 mm	78 or 118 in		
		Length:	100 m	328 ft		
Belt Properties	Tensile Strength	80 N/mm		457 lbs/in		
	Elongation at Break			12 %		
	Standard Tension	★★★★★		0.5 %		
	Working Load at 1%	8 N/mm		46 lbs/in		
	Min. Pulley Diameter	Finger Joint :	30 mm		1.18 in	
		Skiver Joint :	50 mm		2.0 in	
	Temperature Range	Continuously:	-10 to +70 °C		14 to 158 °F	
		Periodically :	-20 to +100 °C		-4 to 212 °F	
	Coefficient of Friction (Steel)	top:	0.7 to 0.8			
bottom:		0.2 to 0.25				
Weight	2.4 kg/m ²		0.49 lbs/ft ²			
Special Properties	Oil Resistant / FDA & USDA Approved					

Phone: (800) 221-3689

www.nitta.com

Fax: (770) 623-1398

Technical Sheet		CC-12D (2 LRF)		Nitta Corp. of America 8/6/2008		
ITEM		DESCRIPTION				
Belt Specs.	Structure	<p>White PVC layer</p> <p>1.6mm</p> <p>Polyester Fabric with Carbon Fiber</p>				
	Anti-Static	Yes (carbon fiber)				
Manuf. Standard	Size	Width: 3000 mm	118 in			
		Length: 100 m	328 ft			
Belt Property	Tensile Strength	80 N/mm	457 lbs/in			
	Elongation at Break	20 %				
	Standard Tension	0.5 %				
	Working Load at 1%	8 N/mm	46 lbs/in			
	Min. Pulley Diameter	Finger Joint:	20 mm	0.79 in		
		Skiver Joint:	40 mm	1.58 in		
	Temperature Range	Continuously:	-10 to +70 °C		14 to 158 °F	
		Periodically:	-20 to +100 °C		-4 to 212 °F	
	Coefficient of Friction (Steel)	top:	0.2 to 0.25			
bottom:		0.2 to 0.25				
Weight	1.7 kg/m ²		0.35 lbs/ft ²			
Special Properties, Notes	Accumulation, FDA conformable Normally, carbon fiber does not effect metal detector.					


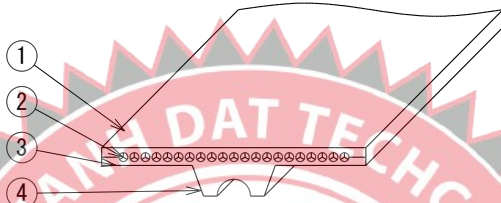
Phone: (800) 221-3689


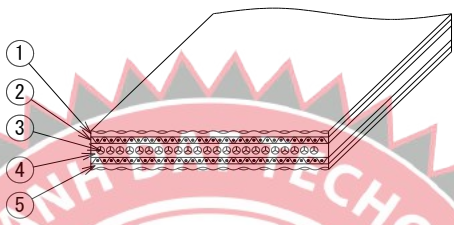
www.nitta.com


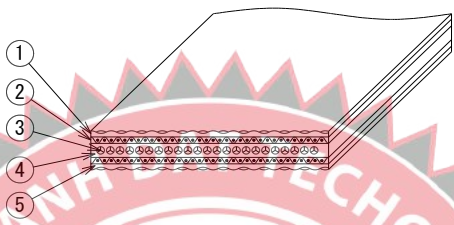
Fax: (770) 623-1398


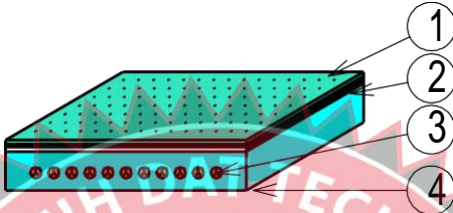
Technical Sheet		CC-12DKC		Nitta Corp. of America		
C-032K		(2 CF)		8/6/2008		
ITEM		DESCRIPTION				
Belt Specs.	Structure	<p>1.7 mm</p> <p>PVC layer</p> <p>Polyester Cotton Fabric (white)</p>				
	Anti-Static	NO				
Manuf. Standard	Size	Width: 2000 or 2700 mm	78 or 106 in			
		Length: 100 m	328 ft			
Belt Properties	Tensile Strength	80 N/mm	457 lbs/in			
	Elongation at Break	12 %				
	Standard Tension	0.5 %				
	Working Load at 1%	8 N/mm	46 lbs/in			
	Min. Pulley Diameter	Finger Joint :	20 mm	0.79 in		
		Skiver Joint :	40 mm	1.58 in		
	Temperature Range	Continuously :	-10 to +70 °C	14 to 158 °F		
		Periodically :	-20 to +100 °C	-4 to 212 °F		
	Coefficient of Friction (Steel)	top:	0.2 to 0.25			
		bottom:	0.2 to 0.25			
Weight	1.7 kg/m ²	0.35 lbs/ft ²				
Special Properties	FDA Approved					


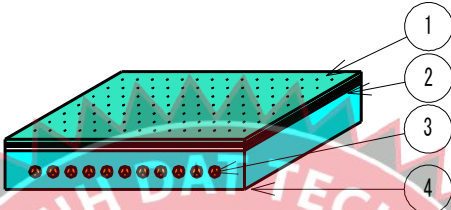
Technical Sheet		CC-16DK		Nitta Corp. of America	
C-033K		(2 RF)		2/24/2010	
ITEM		DESCRIPTION			
Belt Specs.	Structure	<p>1.7 mm</p> <p>PVC layer</p> <p>Polyester Fabric (white)</p>			
	Anti-Static	NO			
Manuf. Standard	Size	Width: 2000 or 3000 mm	78 or 118 in		
		Length: 100 m	328 ft		
Belt Properties	Tensile Strength	110 N/mm	629 lbs/in		
	Elongation at Break	12 %			
	Standard Tension	0.5 %			
	Working Load at 1%	10 N/mm	57 lbs/in		
	Min. Pulley Diameter	Finger Joint :	20 mm	0.79 in	
		Skiver Joint :	40 mm	1.58 in	
	Temperature Range	Continuously :	-10 to +70 °C	14 to 158 °F	
		Periodically :	-20 to +100 °C	-4 to 212 °F	
	Coefficient of Friction (Steel)	top:	0.2 to 0.25		
bottom:		0.2 to 0.25			
Weight	1.8 kg/m ²	0.37 lbs/ft ²			
Special Properties	FDA Approved				


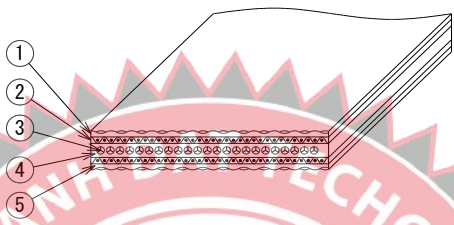
Technical Data Sheet		CFTG		
		Belt type	CFTG-18SG	
C-021		Applications		
Item	Description	Remarks		
Specification	Construction			
			①TPU (Flat surface,Blue) ②Aramid cord ③Soft TPU (Flat surface,Blue) ④Soft TPU (Guide,Blue)	
Dimensions	Antistatic	Yes		
	Width	40, 50, 60 [mm]		
	Length	1,500 to 100,000 [mm]		
	Thickness	2.4(body), 7.5(total) [mm]		
	Joint	Finger Joint (standard dimension 10W*120L)		
Properties	Tensile strength	180 [N/mm]	Test speed: 50mm/min	
	Elongation at break	3 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]		
	Tension at 0.5%	18 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	90 [mm]		
	Operating temp.	-10 to +60 °C		
	Coefficient of friction	0.5 to 0.6(steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	4.2(40W), 3.8(50W), 3.5(60W) [kg/m ²]		
Features				


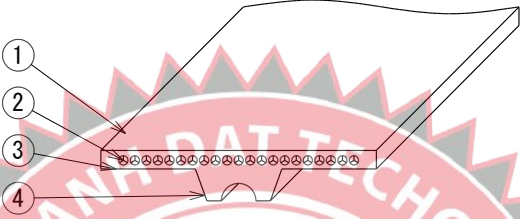
Technical Data Sheet		CFTG		
		Belt type	CFTG-27F	
C-002		Applications		
Item	Description	Remarks		
Specification	Construction			
	Antistatic	Yes		
Dimensions	Width	25, 30, 35, 40 [mm]		
	Length	1,500 to 200,000 [mm]		
	Thickness	2.4 [mm]		
	Joint	Finger Joint 10x200		
	Tensile strength	300 [N/mm]	Test speed: 50mm/min	
Elongation at break	3.5 [%]	Ambient condition: 23°C,50%R.H.		
Standard elongation	0.5 [%]			
Tension at 0.5%	27 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.		
Minimum pulley dia.	70 [mm]			
Operating temp.	-10 to +60 °C			
Coefficient of friction	0.5 to 0.6(steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.		
Mass	2.8 [kg/m ²]			
Features				


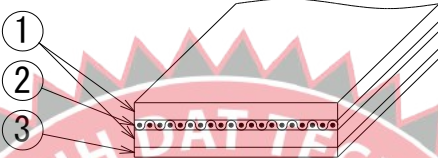
Technical Data Sheet		CFTG		
		Belt type	CFTG-40F	
C-003		Tangential Drive Belt for Textile Industries		
Applications				
Item	Description	Remarks		
Specification	Construction			
Dimensions	Antistatic	Yes		
	Width	30, 35, 38, 40, 50 [mm]		
	Length	1,500 to 200,000 [mm]		
	Thickness	3.0 [mm]		
	Joint	Finger Joint 10x200		
Properties	Tensile strength	500 [N/mm]	Test speed: 50mm/min	
	Elongation at break	3.5 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]		
	Tension at 0.5%	40 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	100 [mm]		
	Operating temp.	-10 to +60 °C		
	Coefficient of friction	0.5 to 0.6(steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
Mass	3.6 [kg/m ²]			
Features				


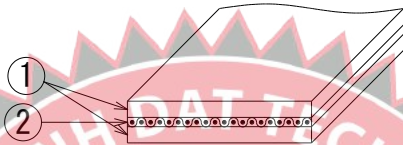
Technical Data Sheet 2016.12.26		CFTG		
		Belt type	CFTG-40FS-5.0	
Applications		Live Roller Conveyor Application Narrow Belt Strip Sorter		
Item	Description	Remarks		
Specification	Construction			<ul style="list-style-type: none"> ① NBR (Textured Structure, Blue) ② Polyamide Fabric ③ Aramid Cord ④ Polyurethane (Textured Structure, Blue)
Dimensions	Antistatic	Yes		
	Width	30, 45 [mm]		
	Length	1,000 to 160,000 [mm]		
	Thickness	5 [mm]		
	Joint	Finger Joint (standard dimension, 10mmW x 200mmL)		
Properties	Tensile strength	500 [N/mm]	Test speed: 50mm/min	
	Elongation at break	3.5 [%]	Ambient condition: 23°C, 50%R.H.	
	Standard elongation	0.5 [%]		
	Tension at 0.5%	40 [N/mm] (after 200hours running-in)	Ambient condition: 23°C, 50%R.H.	
	Minimum pulley dia.	150 [mm] (Finger Joint)		
	Operating temp.	-10 to +60 °C		
	Coefficient of friction	0.5 to 0.6(steel)	Measurement condition: 7kPa, 1mm/s	
	Mass	5.7 [kg/m ²]	Ambient condition: 23°C, 50%R.H.	
Features				


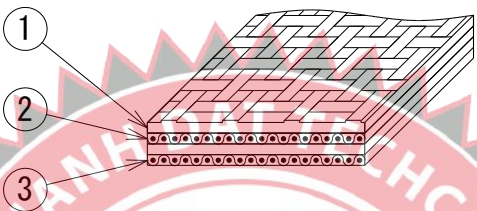
Technical Data Sheet		CFTG		
2016.10.31		Belt type	CFTG-40FS-6.0	
Applications		Live Roller Conveyoer Application		
Item	Description		Remarks	
Specification	Construction			①NBR (Textured Structure,Blue) ②Polyamide Fabric ③Aramid Cord ④Polyurethane (Textured Structure,Blue)
Dimensions	Antistatic	Yes		
	Width	45 [mm]		
	Length	1,000 to 160,000 [mm]		
	Thickness	6 [mm]		
	Joint	Finger Joint (standard dimension, 10mmW x 200mmL)		
Properties	Tensile strength	500 [N/mm]		Test speed: 50mm/min
	Elongation at break	3.5 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5%	40 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	150 [mm] (Finger Joint)		
	Operating temp.	-10 to +60 °C		
	Coefficient of friction	0.5 to 0.6(steel)		Measurement condition: 7kPa, 1mm/s
	Mass	6.8 [kg/m ²]		Ambient condition: 23°C,50%R.H.
Features				


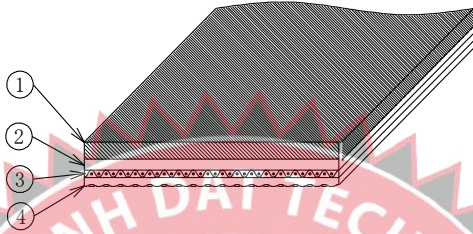
Technical Data Sheet		CFTG		
		Belt type	CFTG-60F-3.9	
C-014		Tangential Drive Belt for Textile Industries		
Applications				
Item	Description	Remarks		
Specification	Construction			①NBR (Textured Structure,Blue) ②Polyamide Fabric ③Aramid Cord ④Polyurethane ⑤NBR (Textured Structure,Blue)
Dimensions	Antistatic	Yes		
	Width	35, 38, 45 [mm]		
	Length	1,500 to 200,000 [mm]		
	Thickness	3.9 [mm]		
	Joint	Finger Joint 10x200		
Properties	Tensile strength	700 [N/mm]	Test speed: 50mm/min	
	Elongation at break	3.5 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]		
	Tension at 0.5%	60 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	150 [mm]		
	Operating temp.	-10 to +60 °C		
	Coefficient of friction	0.5 to 0.6(steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
Mass	4.3 [kg/m ²]			
Features				

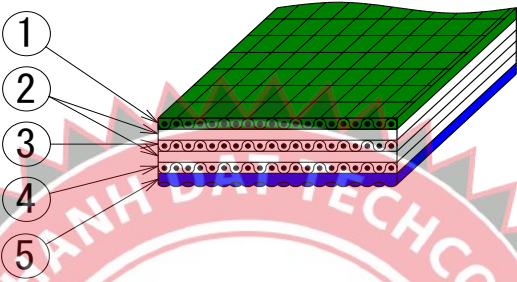
Technical Data Sheet		CFTG		
		Belt type	CFTG-60SG	
C-022		Applications		
Item	Description	Remarks		
Specification	Construction			
Dimensions	Antistatic	No		
	Width	30 [mm]		
	Length	1,500 to 100,000 [mm]		
	Thickness	2.4(body), 7.5(total) [mm]		
	Joint	Finger Joint (standard dimension 10W*120L)		
Properties	Tensile strength	700 [N/mm]	Test speed: 50mm/min	
	Elongation at break	3.5 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]		
	Tension at 0.5%	60 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	90 [mm]		
	Operating temp.	-10 to +60 °C		
	Coefficient of friction	0.5 to 0.6(steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	4.5 [kg/m ²]		
Features				


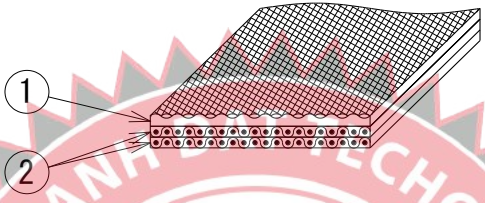
Technical Data Sheet		PolySprint™		
		Belt type	DB-2E12F	
PS-034		<ul style="list-style-type: none"> • Postal • Transport 		
Applications				
Item		Description		Remarks
Specification	Construction			①TPU (Taffeta surface,Blue) ②PES fabric ③Conductive TPU (Smooth surface,Black)
	Dimensions	Antistatic	Yes	
	Width	10 to 340 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	1.2 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	75 [N/mm]		Test speed: 50mm/min
	Elongation at break	25 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	2 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Blue side 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.5 [kg/m ²]		
Features				


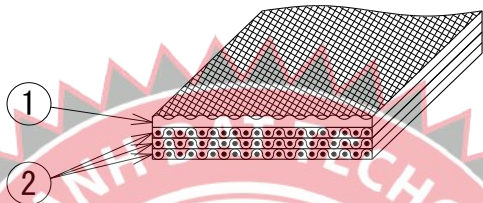
Technical Data Sheet		PolySprint™		
		Belt type	DB-4E14	
Applications		<ul style="list-style-type: none"> • Transport • Postal 		
Item		Description		Remarks
Specification	Construction			①TPU (Taffeta surface,Blue) ②PES fabric
	Dimensions	Antistatic	Yes	
	Width	10 to 340 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	1.4 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	45 [N/mm]		Test speed: 50mm/min
	Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	4 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Both side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.6 [kg/m2]		
Features				


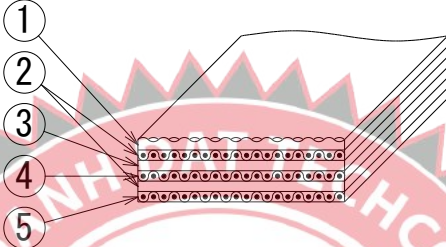
Technical Data Sheet		NLG™	
C-024		Belt type	
Applications		<ul style="list-style-type: none"> Inclined and declined conveyor Conveyor for middleweight material 	
Item	Description	Remarks	
Specification	Construction 	①PVC (GP pattern, Green) ②PES Fabric ③Low-noised PES Fabric (White)	
Dimensions	Antistatic	Yes	
	Width	10 to 3,000 [mm]	
	Length	700 to 100,000 [mm]	
	Thickness	2.8 [mm]	
	Joint	Finger Joint or Skiver Joint	
Properties	Tensile strength	160 [N/mm]	Test speed : 50 mm/min
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]	
	Tension at 0.5 [%]	2 [N/mm]	Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ50 [mm] (Finger Joint) φ80 [mm] (Skiver Joint)	
	Operating temp.	-5 to 70 [°C]	
	Coefficient of friction	Over 1.0(Steel) Polyurethane side 0.2 to 0.25(Steel) Fabric side	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	3.0 [kg/m ²]	
Features	<ul style="list-style-type: none"> High friction. Low-noise. 		


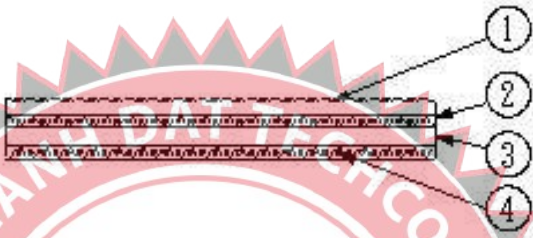
Technical Data Sheet		NITTA BELT POLY		
P-280		Belt type	FLA-500-3A	
Applications				
Item	Description	Remarks		
Specification	Construction 	① Synthetic Leather (Gray) ② PA Film ③ PA Fabric ④ NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	10 to 300 [mm]		
	Length	1,000 to 100,000 [mm]		
	Thickness	3.0 [mm]		
	Joint	Skived joint Adhesive Polybond A, E and NLG Bond		
Properties	Tensile strength	150 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.8 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.2 to 0.25(Steel) (Gray side)	Measurement condition: 7kPa, 1mm/s	
		0.5 to 0.6(Steel) (Blue side)	Ambient condition: 23°C,50%R.H.	
Mass	2.0 [kg/m ²]			
Features	Soft and High Abrasion Resistance			


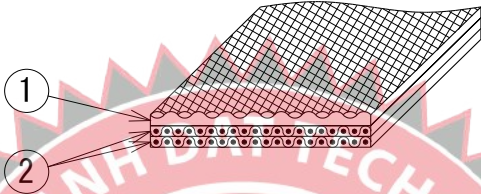
Technical Data Sheet		PolySprint™		NITTA
PS-089		Belt type	FZ-5E12	
Applications		<ul style="list-style-type: none"> • Bookbinding machine • Printing machine 		
Item	Description	Remarks		
Specification	Construction			①NBR coating fabric (NBR coating,Green) ②TPE ③PES fabric ④Special PA fabric ⑤NBR (Textured surface,Blue)
Dimensions	Antistatic	Yes		
	Width	10~500 [mm]		
	Length	400~100,000 [mm]		
	Thickness	1.25 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	90 [N/mm]		Test speed: 50mm/min
	Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	5 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ35 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.6 to 0.7(Paper) Green side 0.5 to 0.6(Steel) Blue side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.2 [kg/m ²]		
Features				

Technical Data Sheet		NLG™			
		Belt type	GH-20Z		
G-002		Applications			<ul style="list-style-type: none"> • Steel industry • Sanitary • Conveyor for heavyweight material
Item		Description		Remarks	
Specification	Construction			①Nitrile rubber (Textured surface, Blue) ②PES Fabric (White)	
	Dimensions	Antistatic	Yes		
	Width	10 to 960 [mm]			
	Length	700 to 100,000 [mm]			
	Thickness	2.1 [mm]			
	Joint	Skiver Joint			
Properties	Tensile strength	170 [N/mm]		Test speed : 50 mm/min	
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]			
	Tension at 0.5 [%]	3 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	φ40 [mm]			
	Operating temp.	-20 to 60 [°C]		Periodically case: -30 to 80°C	
	Coefficient of friction	0.7 to 0.8(Steel) Rubber side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	2.4 [kg/m ²]			
Features					


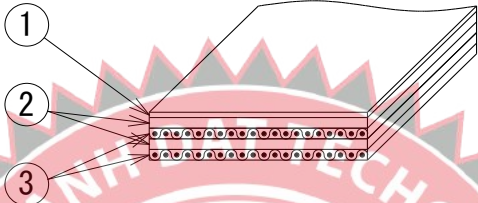
Technical Data Sheet		NLG™			
		Belt type	GH-30Z		
G-003		Applications			<ul style="list-style-type: none"> • Steel industry • Conveyor for heavyweight material
Item		Description		Remarks	
Specification	Construction			①Nitrile rubber (Textured surface, Blue) ②PES Fabric (White)	
	Dimensions	Antistatic	Yes		
	Width	10 to 960 [mm]			
	Length	700 to 65,000 [mm]			
	Thickness	3.0 [mm]			
	Joint	Skiver Joint			
Properties	Tensile strength	255 [N/mm]		Test speed : 50 mm/min	
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]			
	Tension at 0.5 [%]	7.5 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	φ100 [mm]			
	Operating temp.	-20 to 60 [°C]		Periodically case: -30 to 80°C	
	Coefficient of friction	0.7 to 0.8(Steel) Rubber side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	3.5 [kg/m ²]			
Features					


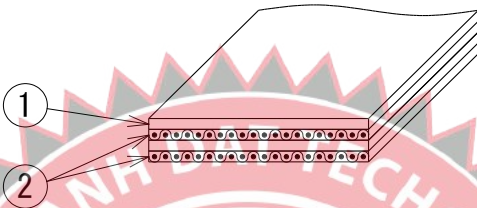
Technical Data Sheet		PolySprint™		
		Belt type	GLTE-4E18	
Applications		<ul style="list-style-type: none"> • Printing machine 		
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured surface,Blue) ②PA fabric ③TPU ④PES fabric ⑤Special PA fabric (White)		
Dimensions	Antistatic	Yes		
	Width	10 to 300 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	1.8 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	100 [N/mm]		Test speed: 50mm/min
	Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	4 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ40 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.8 to 0.9 (Paper) /0.5 to 0.6(Steel) NBR side 0.2 to 0.3 (Paper) /0.1 to 0.2(Steel) fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.8 [kg/m ²]		
Features				

Technical Data Sheet		Belt type	NITTA BELT POLY GMTA-500	NITTA CORPORATION 
		P-232		
Main uses				
No.	Item	Description	Remarks	
1	Specification	Construction		
		Antistatic	Yes	
2	Dimensions	Width	6 to 305 {mm}	
		Length	300 to 105,000 {mm}	
		Thickness	1.9 {mm}	
		Joint	Skived joint Adhesive Polybond A and E	
3	Properties	Tensile strength	150 {N/mm}	Test speed: 50mm/min
		Elongation at break	20 {%}	Ambient condition: 23°C*50%
		Recommended elongation	1 {%}	
		Tension at 1%	3.8 {N/mm}	Ambient condition: 23°C*50%
		Minimum pulley dia.	40 {mm}	
		Temperature range	-20 to +80°C {°C}	
		Coefficient of friction	0.5 to 0.6(Steel) (NBR side) 0.2 to 0.25(Steel) (Fabric side)	Measuring condition: 7kPa*1mm/s Ambient condition: 23°C*50%
Mass	2.0 {kg/m ² }			
4	Features			

Technical Data Sheet		NLG™		
		Belt type	GSTW-20	
Applications		<ul style="list-style-type: none"> • Postal • Inclined and declined conveyer • Conveyer for heavyweight material 		
Item		Description		Remarks
Specification	Construction			①EPDM (Mini rough top, Green) ②PES Fabric (White)
	Dimensions	Antistatic	Yes	
	Width	10 to 960 [mm]		
	Length	700 to 50,000 [mm]		
	Thickness	2.0 [mm]		
	Joint	Skiver Joint		
Properties	Tensile strength	170 [N/mm]		Test speed : 50 mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ50 [mm]		
	Operating temp.	-10 to 60 [°C]		
	Coefficient of friction	Over 1.0(Steel) Rubber side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	2.0 [kg/m ²]		
Features				

Technical Data Sheet		PolySprint™		NITTA
		Belt type	GTD	
PS-057		Applications		
		<ul style="list-style-type: none"> • Postal • Bookbinding machine 		
Item		Description		Remarks
Specification	Construction			①NBR (Fine Textured surface,Dark Blue) ②TPU ③Conductive TPU (Fine Textured surface,Black)
	Dimensions	Antistatic	Yes	
	Width	10 to 450 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	1.45 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	35 [N/mm]		Test speed: 50mm/min
	Elongation at break	400 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	5 [%]		
	Tension at 5 [%]	1.1 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm]		
	Operating temp.	0 to +60 [°C]		
	Coefficient of friction	0.8 to 0.9 (Paper) Dark Blue side 0.3 to 0.4(Steel) Black side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.7 [kg/m ²]		
Features				

Technical Data Sheet		NLG™		
		Belt type	GUF-12AK	
Applications		<ul style="list-style-type: none"> • Food Conveyor • Conveyor for middleweight material 		
Item	Description	Remarks		
Specification	Construction			<ul style="list-style-type: none"> ①PTFE sheet (Flat, gray) ②Polyurethane ③PES Fabric (White)
Dimensions	Antistatic	No		
	Width	10 to 1,000 [mm]		
	Length	700 to 100,000 [mm]		
	Thickness	1.3 [mm]		
	Joint	Finger Joint or Skiver Joint		
Properties	Tensile strength	120 [N/mm]		Test speed : 50 mm/min
	Elongation at break	15 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	2 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ50 [mm] (Finger Joint) φ70 [mm] (Skiver Joint)		
	Operating temp.	-20 to 80 [°C]		
	Coefficient of friction	0.1 to 0.15(Steel) PTFE sheet side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
Mass	1.3 [kg/m ²]			
Features	<ul style="list-style-type: none"> • Releasable. • We can't recommend for accumulation conveyor. 			

Technical Data Sheet		NLG™			
		Belt type	GUH-12A		
U-028		Applications			<ul style="list-style-type: none"> • Accumulation conveyor • Conveyor for middleweight material
Item		Description		Remarks	
Specification	Construction			①High-hardness polyurethane (Mat surface, Green) ②PES Fabric (White)	
	Dimensions	Antistatic	Yes		
	Width	10 to 1,500 [mm]			
	Length	700 to 100,000 [mm]			
	Thickness	1.3 [mm]			
	Joint	Finger Joint or Skiver Joint			
Properties	Tensile strength	120 [N/mm]		Test speed : 50 mm/min	
	Elongation at break	15 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]			
	Tension at 0.5 [%]	2 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	φ30 [mm] (Finger Joint) φ50 [mm] (Skiver Joint)			
	Operating temp.	-20 to 80 [°C]			
	Coefficient of friction	0.3 to 0.4(Steel) Polyurethane side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	1.3 [kg/m ²]			
Features	<ul style="list-style-type: none"> • Slippery surface. • Abrasion resistance. 				


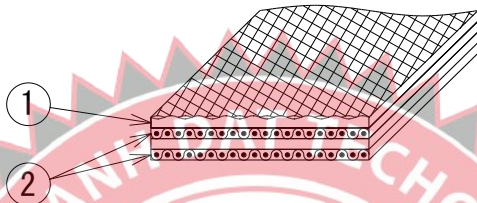
Technical Sheet C-051K	GYC-16A (2 RF 118)	Nitta Corp. of America 8/6/2008
----------------------------------	------------------------------	---


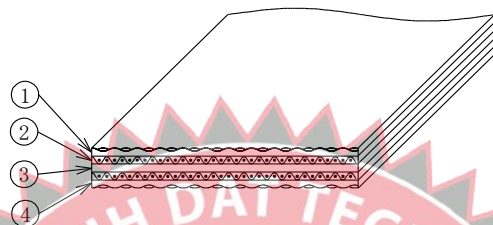
ITEM		DESCRIPTION		
Belt Specs	Structure	<p>PVC (gray) - 35° shore A - 2.0mm thick</p> <p>3.6 mm</p> <p>PVC Layer</p> <p>Polyester Fabric (white)</p>		
	Anti-Static	YES		
Manuf. Standard	Size	Width: 2000 or 3000	78 or 118 in	
		Length: 100 m	328 ft	
Belt Properties	Tensile Strength	110 N/mm	629 lbs/in	
	Elongation at Break	12 %		
	Standard Tension	0.5 %		
	Working Load at 1%	10 N/mm	57 lbs/in	
	Min. Pulley Diameter	Finger Joint :	60 mm	2.36 in
		Skiver Joint :	100 mm	4.0 in
	Temperature Range	Continuously:	-10 to +70 °C	14 to 158 °F
		Periodically :	-20 to +100 °C	-4 to 212 °F
	Coefficient of Friction (Steel)	top:	over 1.0	
bottom:		0.2 to 0.25		
Weight	4.6 kg/m ²	0.94 lbs/ft ²		
Special Properties	Incline Belt			

Phone: (800) 221-3689

www.nitta.com


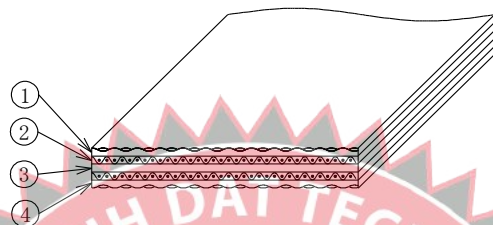
Fax: (770) 623-1398

Technical Data Sheet		NLG™			
		Belt type	GYLD-12AK		
C-026		Applications			<ul style="list-style-type: none"> Inclined and declined conveyor Conveyor for middleweight material
Item	Description			Remarks	
Specification	Construction			①PVC (LD pattern, Gray) ②PES Fabric (White)	
	Dimensions	Antistatic	No		
	Width	10 to 2,000 [mm]			
	Length	700 to 100,000 [mm]			
	Thickness	2.2 [mm]			
	Joint	Finger Joint or Skiver Joint			
Properties	Tensile strength	120 [N/mm]		Test speed : 50 mm/min	
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]			
	Tension at 0.5 [%]	2 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	ϕ 30 [mm] (Finger Joint) ϕ 50 [mm] (Skiver Joint)			
	Operating temp.	-5 to 70 [°C]			
	Coefficient of friction	Over 1.0(Steel) Polyurethane side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	2.5 [kg/m ²]			
Features	<ul style="list-style-type: none"> High friction. 				

Technical Data Sheet		NITTA BELT POLY		
		Belt type	HA-1000	
P-176		Applications		
Item	Description		Remarks	
Specification	Construction			①NBR (Textured pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured pattern, Blue)
	Antistatic	Yes		
Dimensions	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	4.0 [mm]		
	Joint	Skived joint		
		Adhesive Polybond A and E		
Properties	Tensile strength	300 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	15 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	100 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	4.4 [kg/m ²]		
Features				


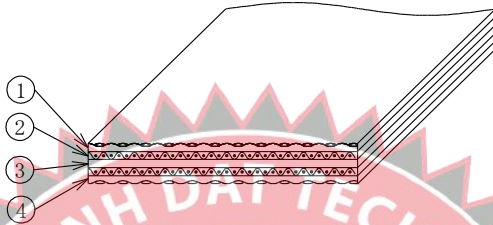
Industrial Products Div.


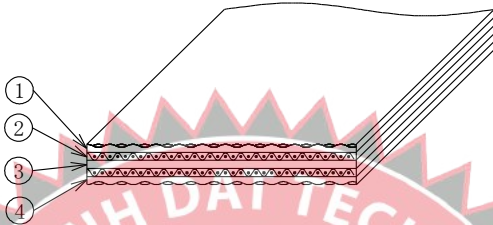
The contents of this TDS may be changed without notice.


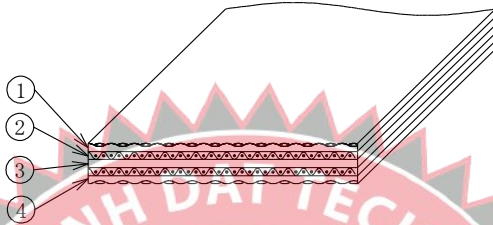
Technical Data Sheet <small>P-177</small>		NITTA BELT POLY			
Applications		Belt type HA-1500			
Item		Description		Remarks	
Specification	Construction			①NBR (Textured pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured pattern, Blue)	
	Dimensions	Antistatic	Yes		
Width		20 to 325 [mm]			
Length		800 to 105,000 [mm]			
Thickness		4.5 [mm]			
Joint		Skived joint Adhesive Polybond A and E			
Properties	Tensile strength	450 [N/mm]		Test speed: 50mm/min	
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]			
	Tension at 2 [%]	22.5 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	150 [mm]			
	Operating temp.	-20 to +80°C			
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	5.0 [kg/m ²]			
Features					


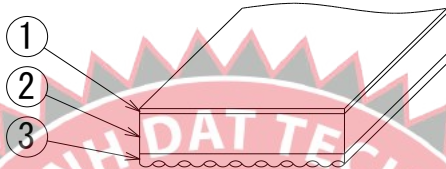
Industrial Products Div.


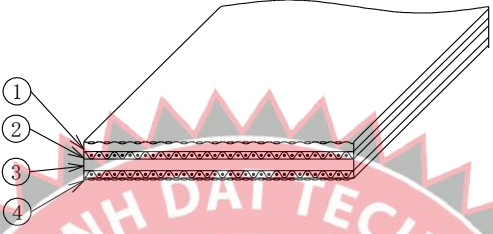
The contents of this TDS may be changed without notice.


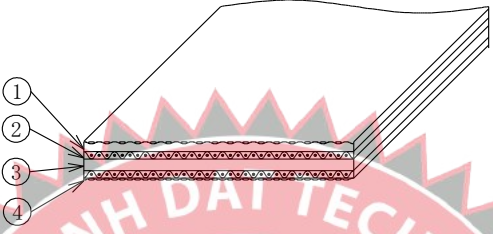
Technical Data Sheet		NITTA BELT POLY		
P-178		Belt type	HA-2000	
Applications				
Item	Description	Remarks		
Specification		①NBR (Textured pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	20 to 325 [mm]		
	Length	800 to 105,000 [mm]		
	Thickness	5.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	600 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	30 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	200 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	5.6 [kg/m ²]		
Features				


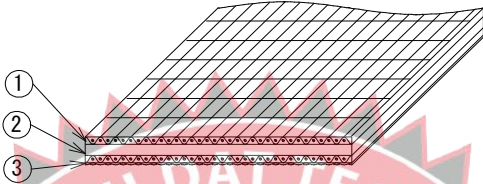
Technical Data Sheet		NITTA BELT POLY		
P-262		Belt type	HA-500	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	3.5 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	150 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	7.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	3.8 [kg/m ²]		
Features				


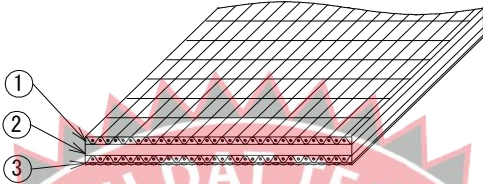
Technical Data Sheet		NITTA BELT POLY		
P-175		Belt type	HA-750	
Applications				
Item	Description	Remarks		
Specification		①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	3.75 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	225 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	11.2 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	75 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	4.1 [kg/m ²]		
Features				


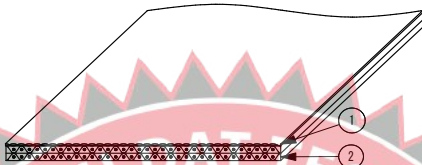
Technical Data Sheet		PolySprint™		
		Belt type	HTA09	
PS-007		<ul style="list-style-type: none"> • Transport • Bookbinding machine 		
Applications				
Item		Description		Remarks
Specification	Construction			①Hard TPU (Mat surface,Green) ②TPU (Blue) ③Conductive TPU (Textured surface,Black)
	Dimensions	Antistatic	Yes	
	Width	10 to 330 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	0.9 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L) & Skiver Joint		
Properties	Tensile strength	25 [N/mm]		Test speed: 50mm/min
	Elongation at break	500 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	5 [%]		
	Tension at 5 [%]	0.5 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.3 to 0.4 (Paper) /0.2 to 0.3(Steel) Green side 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	0.9 [kg/m ²]		
Features				


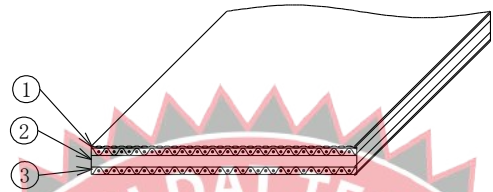
Technical Data Sheet		NITTA BELT POLY		
P-286		Belt type	HUT-250	
Applications				
Item	Description	Remarks		
Specification	Construction 	① Hard PU (Green) ② PA Fabric ③ PA Film ④ NBR Coating (Green)		
Dimensions	Antistatic	Yes		
	Width	5 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	1.3 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	60 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	1.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	20 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (PU side) 0.5 to 0.6(Steel) (Rubber side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	1.6 [kg/m ²]		
Features				

Technical Data Sheet		NITTA BELT POLY		
P-270		Belt type	HUT-750	
Applications				
Item	Description	Remarks		
Specification	Construction 	① Hard PU (Green) ② PA Fabric ③ PA Film ④ NBR Coating (Green)		
Dimensions	Antistatic	Yes		
	Width	5 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	1.9 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	225 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	5.6 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (PU side) 0.5 to 0.6(Steel) (Rubber side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	2.2 [kg/m ²]		
Features				


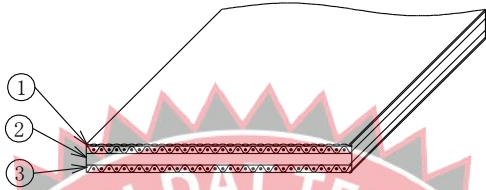
Technical Data Sheet		NITTA BELT POLY		
P-263		Belt type	KCS-350S	
Applications				
Item	Description	Remarks		
Specification	Construction 	① PA Fabric (Blue) ② PA Film ③ NBR coating (Black)		
Dimensions	Antistatic	Yes		
	Width	10 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	1.1 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	135 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.4 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	30 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.2 to 0.3(Steel) (Fabric side)	Measurement condition: 7kPa, 1mm/s	
		0.3 to 0.4(Steel) (Black side)	Ambient condition: 23°C,50%R.H.	
Mass	0.8 [kg/m ²]			
Features	A light conveyer for paper printings.			

Technical Data Sheet		NITTA BELT POLY		
P-264		Belt type	KCS-350SN	
Applications				
Item	Description	Remarks		
Specification	Construction 	①PA Fabric (Blue) ②PA Film ③NBR coating (Black)		
Dimensions	Antistatic	Yes		
	Width	10 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	1.1 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	135 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.4 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	30 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.2 to 0.3(Steel) (Fabric side)	Measurement condition: 7kPa, 1mm/s	
		0.3 to 0.4(Steel) (Black side)	Ambient condition: 23°C,50%R.H.	
Mass	0.8 [kg/m ²]			
Features	Folder Belt in Web Off-set Printer, Superior Wear Resistance			

Technical Data Sheet		NITTA BELT POLY		
P-266		Belt type	KS-100S	
Applications				
Item	Description			Remarks
Specification	Construction			①NBR coating (Green) ②PA/Cotton Fabric PU coating (Orange)
	Dimensions	Antistatic	Yes	
	Width	500 [mm]		
	Length	100 [mm]		
	Thickness	0.63 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	70 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	0.7 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	18 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.6 to 0.7(Steel) (Green side) 0.2 to 0.3(Steel) (Orange side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	0.55 [kg/m ²]		
Features	Abrasion and Heat Resistance for Brake Slippage, Replace KS-100N			


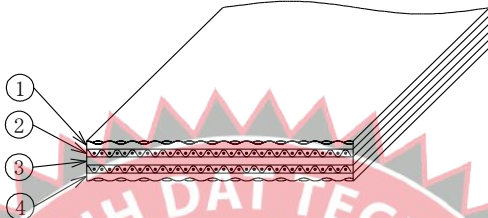
Technical Data Sheet		NITTA BELT POLY		
P-122		Belt type	KSG-250	
Applications		A spindle tape for sectional drives.		
Item		Description		Remarks
Specification	Construction			①NBR coating (Green) ②PA Film ③Special Fabric (White)
	Dimensions	Antistatic	No	
	Width	6 to 305 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	0.85 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	60 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	3.0 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	20 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (NBR side) 0.2 to 0.25(Steel) (Fabric side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	0.8 [kg/m ²]		
Features				

Industrial Products Div.

Technical Data Sheet		NITTA BELT POLY		
P-123		Belt type	KSG-350	
Applications		A spindle tape for large package sectional drives. Twisting machines for tire cords.		
Item		Description		Remarks
Specification	Construction			①NBR coating (Green) ②PA Film ③Special Fabric (White)
	Dimensions	Antistatic	No	
	Width	6 to 305 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	1.0 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	105 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	2.6 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	35 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (NBR side) 0.2 to 0.25(Steel) (Fabric side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	0.9 [kg/m ²]		
Features				


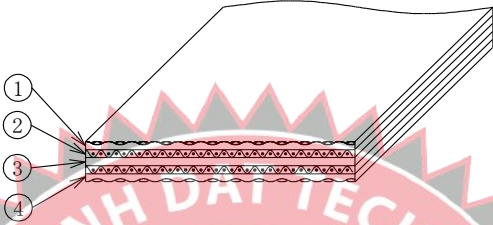
Industrial Products Div.


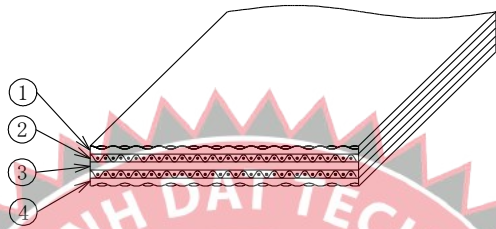
The contents of this TDS may be changed without notice.


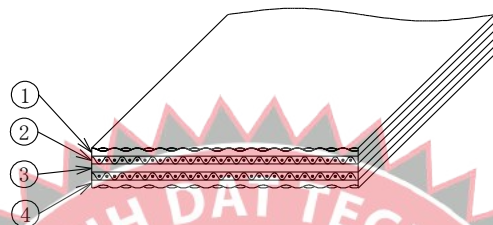
Technical Data Sheet		NITTA BELT POLY		
P-158		Belt type	LA-1000	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	2.5 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	300 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	15 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	100 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	2.8 [kg/m ²]		
Features				

Industrial Products Div.

The contents of this TDS may be changed without notice.


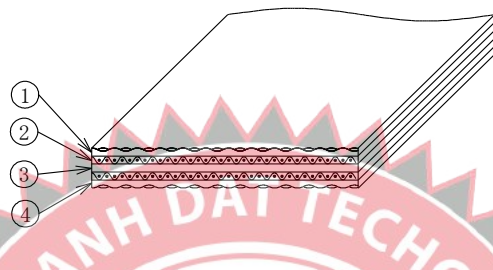
Technical Data Sheet		NITTA BELT POLY		
P-159		Belt type	LA-1500	
Applications				
Item	Description	Remarks		
Specification		①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	20 to 325 [mm]		
	Length	800 to 105,000 [mm]		
	Thickness	3.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	450 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	22.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	150 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	3.4 [kg/m ²]		
Features				

Technical Data Sheet		NITTA BELT POLY		
P-160		Belt type	LA-2000	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	20 to 325 [mm]		
	Length	800 to 105,000 [mm]		
	Thickness	3.5 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	600 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	30 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	200 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	4.0 [kg/m ²]		
Features				

Technical Data Sheet		NITTA BELT POLY		
P-154	Belt type	LA-250		
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	1.3 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	60 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	3 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	25 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	1.4 [kg/m ²]		
Features				


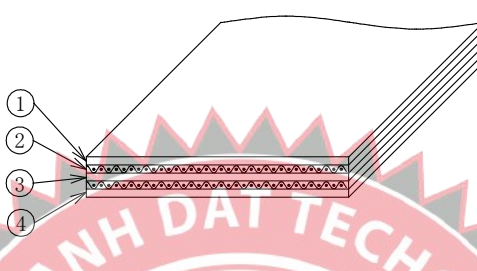
Industrial Products Div.

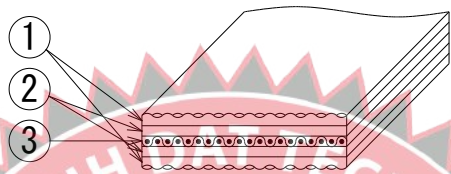
The contents of this TDS may be changed without notice.

Technical Data Sheet		NITTA BELT POLY		
P-155		Belt type	LA-350	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	1.45 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	105 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	5.2 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	35 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	1.6 [kg/m ²]		
Features				

Industrial Products Div.

The contents of this TDS may be changed without notice.


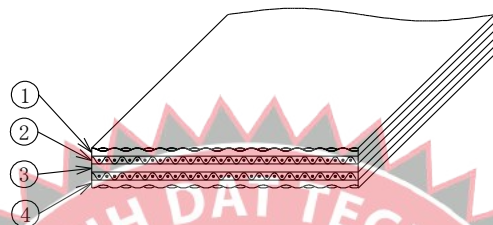
Technical Data Sheet		NITTA BELT POLY			
P-279		Belt type	LA-350NI2		
Applications		Stacker Belts for Printing Industry			
Item	Description	Remarks			
Specification	Construction			①NBR (Orange Peel Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Orange Peel Pattern, Blue)	
Dimensions	Antistatic	Yes			
	Width	5 to 300 [mm]			
	Length	300 to 100,000 [mm]			
	Thickness	1.35 [mm]			
	Joint	Skived joint Adhesive Polybond A and E			
Properties	Tensile strength	★ ★ 105 [N/mm] ★ ★		Test speed: 50mm/min	
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]			
	Tension at 2 [%]	5.2 [N/mm]		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	25 [mm]			
	Operating temp.	-20 to +80°C			
	Coefficient of friction	0.5 to 0.6(Steel) (Blue side)		Measurement condition: 7kPa, 1mm/s	
		0.5 to 0.6(Steel) (Blue side)		Ambient condition: 23°C,50%R.H.	
	Mass	1.55 [kg/m ²]			
Features					

Technical Data Sheet		PolySprint™		NITTA
PS-013		Belt type	LA-4E14	
Applications		<ul style="list-style-type: none"> • Mail sorter(Drive) • Bookbinding machine 		
Item	Description	Remarks		
Specification	Construction			①NBR (Textured surface,Blue) ②TPU ③PES fabric
Dimensions	Antistatic	Yes		
	Width	10 to 480 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	1.4 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	45 [N/mm]		Test speed: 50mm/min
	Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	4 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.8 to 0.9 (Paper) /0.5 to 0.6(Steel) Both side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
Mass	1.5 [kg/m ²]			
Features				

NITTA CORPORATION


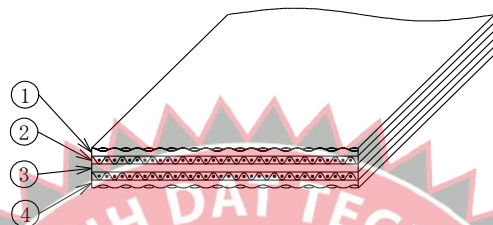
Industrial Products Div.

The contents of this TDS may be changed without notice.

Technical Data Sheet		NITTA BELT POLY		
P-156		Belt type	LA-500	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	1.6 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	150 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	7.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	1.8 [kg/m ²]		
Features				


Industrial Products Div.


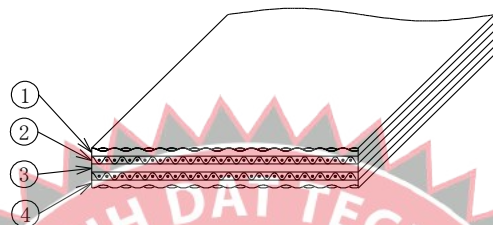
The contents of this TDS may be changed without notice.

Technical Data Sheet		NITTA BELT POLY		
P-157	Belt type	LA-750		
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	2.25 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	225 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	11.2 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	75 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	2.5 [kg/m ²]		
Features				

Industrial Products Div.


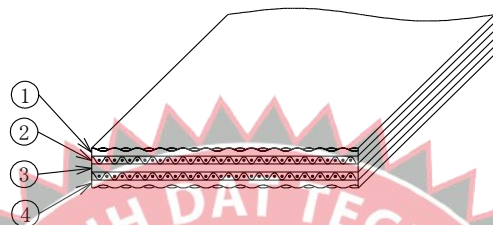
The contents of this TDS may be changed without notice.

Technical Data Sheet		Belt type	NLG	NITTA CORPORATION		
O-006			LGFE-12DK	10-Aug-12		
Main uses						
No.	Item	Description	Remarks			
1	Specification	Construction			Polyester nonwoven fabric (green) Polyester fabric	
		Antistatic	No			
2	Dimensions	Width	10 to 2000 mm			
		Length	0.7 to 100 m			
		Thickness	5.5 mm			
		Joint	Skiver joint			
3	Properties	Tensile strength	120 N/mm		Test speed 50mm/min	
		Elongation at break	15 %		Ambient condition 23 ,50%	
		Standard elongation	0.5 %			
		Tension at 1%	10 N/mm		Ambient condition 23 ,50%	
		Minimum pulley diameter	100 mm			
		Temperature range	-20 to +80			
		Coefficient of friction	Top surface :	0.3 to 0.35	(Against stainless)	Ambient condition 23 ,50%
			Underside :	0.3 to 0.35	(Against stainless)	
Mass	3.4 kg/m ²					
4	Features					


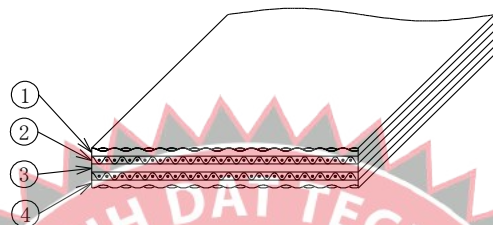
Technical Data Sheet		NITTA BELT POLY		
P-170		Belt type	MA-1000	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	3.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	300 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	15 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	100 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	3.3 [kg/m ²]		
Features				

Industrial Products Div.


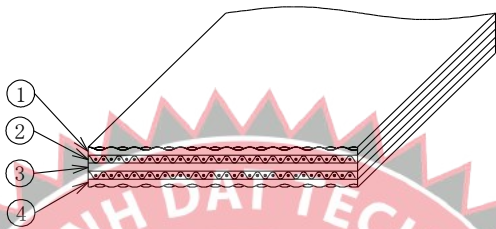
The contents of this TDS may be changed without notice.


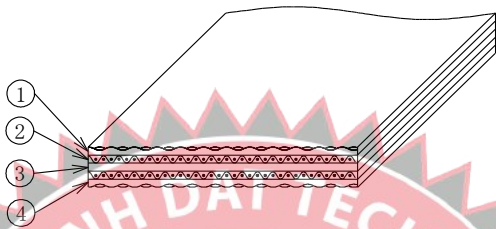
Technical Data Sheet		NITTA BELT POLY		
P-171		Belt type	MA-1500	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	20 to 325 [mm]		
	Length	800 to 105,000 [mm]		
	Thickness	3.5 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	450 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	22.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	150 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	4.0 [kg/m ²]		
Features				


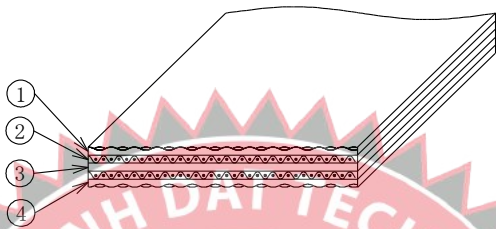
Industrial Products Div.


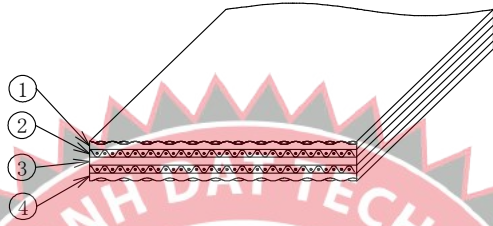
Technical Data Sheet		NITTA BELT POLY		
P-172		Belt type	MA-2000	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	20 to 325 [mm]		
	Length	800 to 105,000 [mm]		
	Thickness	4.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	600 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	30 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	200 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	4.6 [kg/m ²]		
Features				


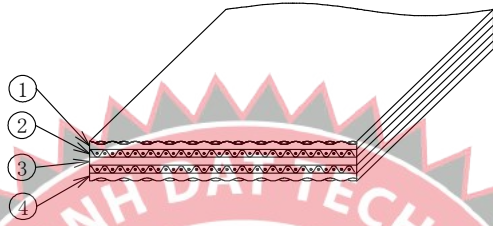
Industrial Products Div.


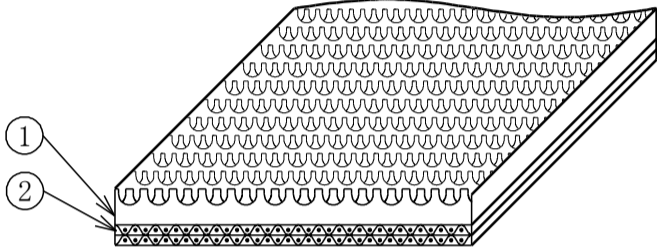
Technical Data Sheet		NITTA BELT POLY		
P-167		Belt type	MA-350	
Applications				
Item	Description	Remarks		
Specification		①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	2.35 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	105 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	5.2 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	35 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	2.6 [kg/m ²]		
Features				


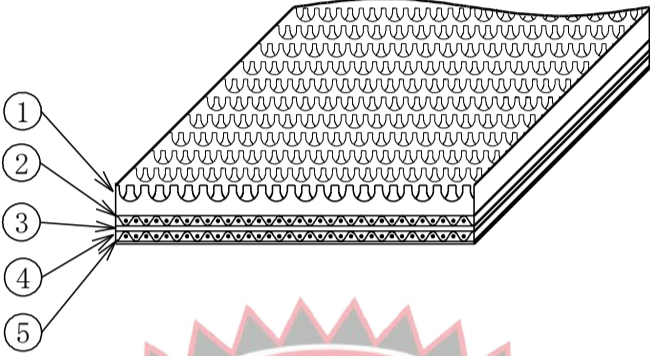
Technical Data Sheet		NITTA BELT POLY		
P-168		Belt type	MA-500	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	2.5 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	150 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	7.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	2.7 [kg/m ²]		
Features				

Technical Data Sheet		NITTA BELT POLY		
P-169		Belt type	MA-750	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	2.75 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	225 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	11.2 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	75 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	3.0 [kg/m ²]		
Features				

Technical Data Sheet		NITTA BELT POLY		
P-046		Belt type	MH-3000	
Applications		Heavy Duty Power Transmission		
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Black)		
Dimensions	Antistatic	Yes		
	Width	20 to 300 [mm]		
	Length	1,500 to 50,000 [mm]		
	Thickness	5.5 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	900 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	45 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	300 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Blue side)	Measurement condition: 7kPa, 1mm/s	
		0.5 to 0.6(Steel) (Black side)	Ambient condition: 23°C,50%R.H.	
Mass	6.5 [kg/m ²]			
Features	Thicker rubber side is used for driving side			

Technical Data Sheet		NITTA BELT POLY		
P-047		Belt type	MH-4000	
Applications		Heavy Duty Power Transmission		
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Black)		
Dimensions	Antistatic	Yes		
	Width	20 to 300 [mm]		
	Length	2,000 to 50,000 [mm]		
	Thickness	6.5 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	1.2k [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	60 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	400 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Blue side)		Measurement condition: 7kPa, 1mm/s
		0.5 to 0.6(Steel) (Black side)		Ambient condition: 23°C,50%R.H.
Mass	7.6 [kg/m ²]			
Features	Thicker rubber side is used for driving side			


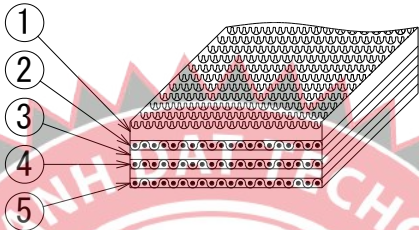
Technical Data Sheet		NITTA BELT POLY		
P-081		Belt type	NRT-100	
Applications		A belt for conveying corrugated cardboards		
Item	Description		Remarks	
Specification	Construction			①NBR (Rough Top, Blue) ②PET Fabric
Dimensions	Antistatic	Yes		
	Width	20 to 480 [mm]		
	Length	1,000 to 50,000 [mm]		
	Thickness	Approx.4.5 [mm]		
	Joint	Skived joint or Clipper joint Adhesive NLG Bond		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	Approx.1(Cardboard) (NBR side) 0.2 to 0.25(Steel) (Fabric side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	3.6 [kg/m ²]		
Features	High coefficient of friction and superior abrasion resistance			


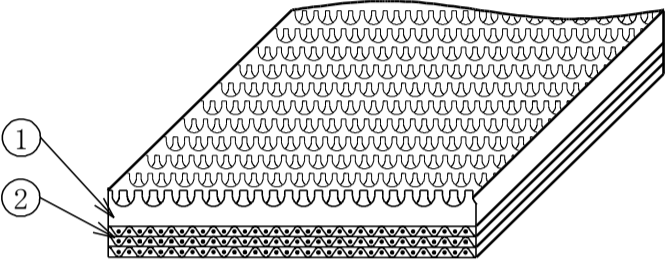
Technical Data Sheet		NITTA BELT POLY		
P-231		Belt type	NRT-500	
Applications		A belt for conveying corrugated cardboards		
Item	Description		Remarks	
Specification	Construction		①NBR (Rough Top, Blue) ②PA Fabric ③PA Film ④PA Fabric ⑤NBR (Textured Pattern, Black)	
Dimensions	Antistatic	Yes		
	Width	20 to 480 [mm]		
	Length	1,000 to 45,000 [mm]		
	Thickness	Approx.6.0 [mm]		
	Joint	Skived or Step joint Adhesive Polybond A and E		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.8 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	90 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	Approx.1(Cardboard) (Blue side) 0.5 to 0.6(Steel) (Black side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	5.6 [kg/m ²]		
Features	High coefficient of friction and superior abrasion resistance			



Technical Sheet		RT-15NF		Nitta Corp. of America	
A- 09				8/31/2010	
ITEM		DESCRIPTION			
Belt Specs	Structure	<p>NBR(blue, 75°Shore A, RT Profile)</p> <p>6.7 mm</p> <p>Rubber (White)</p> <p>Polyester Fabric (white)</p>			
	Anti-Static	YES			
Manuf. Standard	Size	Width: max	1829 mm	72 in	
		Length: max	90 m	300 ft	
Belt Properties	Tensile Strength	315 N/ mm		1800 lbs/in	
	Elongation at Break	N/ A			
	Standard Tension	0.5 %			
	Working Load at 1%	14 N/ mm		80 lbs/in	
	Min. Pulley Diameter	Finger Joint : N/A		N/A	
		Skiver Joint : 50 mm		2.0 in	
	Temperature Range	Continuously : -18 to +121 °C		0 to 250 °F	
		Periodically : N/A		N/A	
	Coefficient of Friction (Steel)	top	0.9		
Bottom		0.2			
Weight	5.3 kg/m ²		1.1 lbs/ft ²		
Special Properties	Excellent Wear/ Oil Resistant NBR Surface				


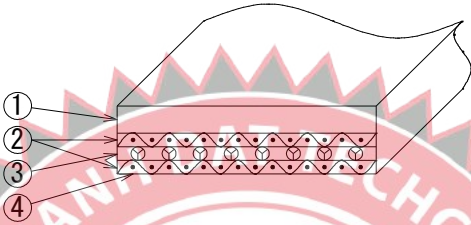
Phone: (800) 221- 3689
 Fax: (770) 623 - 1398


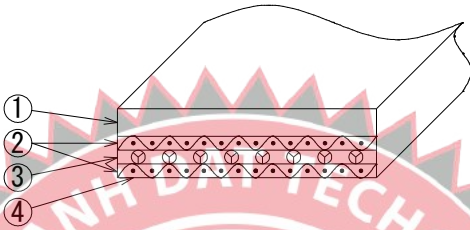
www.nitta.com


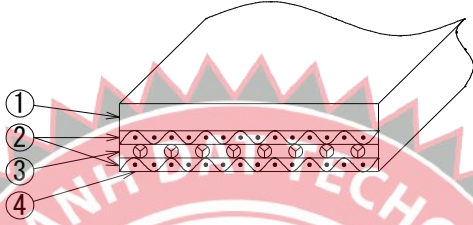
Technical Data Sheet		PolySprint™		
		Belt type	RT-22E70-2	
PS-080		<ul style="list-style-type: none"> • Flexo folder gluer • Conveying corrugated board 		
Applications				
Item		Description		Remarks
Specification	Construction			①NBR (Rough Top,Blue) ②PES fabric ③TPU ④PES fabric (Tension member) ⑤Special PES fabric
	Dimensions	Antistatic	Yes	
	Width	10 to 480 [mm]		
	Length	2000 to 44,000 [mm]		
	Thickness	Approx.7 [mm]		
	Joint	Finger Joint , Skiver Joint or Clipper Joint		
Properties	Tensile strength	250 [N/mm]		Test speed: 50mm/min
	Elongation at break	10 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	10 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ100 [mm]		
	Operating temp.	-20 to +80 [°C]		
	Coefficient of friction	Approx.1(Corrugated board) NBR side 0.2 to 0.25(Steel) fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	6.5 [kg/m ²]		
Features				


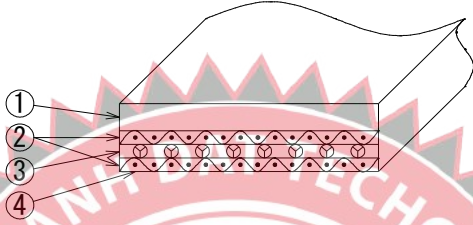
Technical Data Sheet		NITTA BELT POLY		
P-082		Belt type	RT-300	
Applications		A belt for conveying corrugated cardboards		
Item	Description		Remarks	
Specification	Construction			①NBR (Rough Top, Blue) ②PET Fabric
Dimensions	Antistatic	Yes		
	Width	20 to 500 [mm]		
	Length	1,000 to 42,000 [mm]		
	Thickness	Approx.7 [mm]		
	Joint	Skived joint or Clipper joint Clipper Joint should be #2		
Properties	Tensile strength	290 [N/mm]		Test speed: 50mm/min
	Elongation at break	15 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	100 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	Approx.1(Cardboard) (NBR Side) 0.2 to 0.25(Steel) (Fabric Side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	6.5 [kg/m ²]		
Features	High coefficient of friction and superior abrasion resistance			


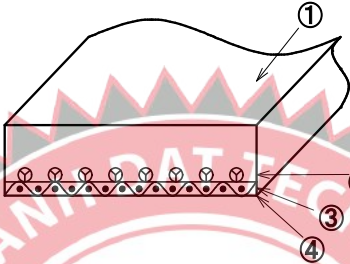
Technical Data Sheet		NITTA BELT POLY		
P-268		Belt type	SB-350S-2P	
Applications		Conveyor Belt in Printing Machine (for Cold Set Ink)		
Item	Description		Remarks	
Specification	Construction			①NBR coating (Black) ②PA Fabric ③PA Film
	Dimensions	Antistatic	Yes	
	Width	5 to 325 [mm]		
	Length	500 to 100,000 [mm]		
	Thickness	0.65 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	135 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.4 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	30 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (Black side) 0.1 to 0.2(Steel) (Nylon side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	0.7 [kg/m ²]		
Features	Anti-ink Transfer			


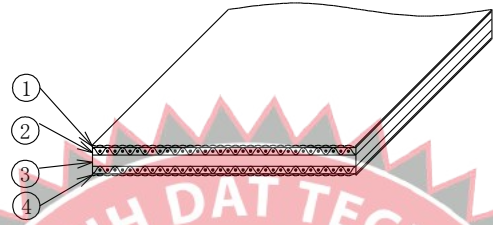
Technical Data Sheet		SEB™		
		Belt type	SE-A-GN	
Applications		<ul style="list-style-type: none"> • Feeder belts • Sack machines 		
Item	Description	Remarks		
Specification	Construction			<ul style="list-style-type: none"> ① Green natural rubber (Ground surface) ② Polyamide fabric ③ Polyester cord ④ Black chloroprene rubber (Glossy surface)
	Antistatic	Yes		
Dimensions	Width	7 to 400 [mm]		
	Length	400 to 1970 [mm]	By molds	
	Thickness	8.0 [mm]	Thickness available 2 to 12 mm	
	Joint	Seamless		
Properties	Tensile strength	58.8 [N/mm]	Test speed: 10%/min.	
	Elongation at break	10 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3.7 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	80 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	Approx. 2.0(Steel) Ground surface 0.2 to 0.4(Steel) Glossy surface	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	10.2 [kg/m ²]		
Features	<ul style="list-style-type: none"> • High friction • Soft surface 			

Technical Data Sheet		SEB™		
		Belt type	SE-A-NR	
Applications		<ul style="list-style-type: none"> • Feeder belts • Sack machines 		
Item		Description		Remarks
Specification	Construction			<ul style="list-style-type: none"> ① Blue natural rubber (Ground surface) ② Polyamide fabric ③ Polyester cord ④ Black chloroprene rubber (Glossy surface)
	Antistatic	Yes		
Dimensions	Width	7 to 400 [mm]		
	Length	400 to 1970 [mm]		By molds
	Thickness	8.0 [mm]		Thickness available 2 to 14 mm
	Joint	Seamless		
Properties	Tensile strength	58.8 [N/mm]		Test speed: 10%/min.
	Elongation at break	10 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3.7 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	80 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	Approx. 1.5(Cardboard) Ground surface 0.2 to 0.4(Steel) Glossy surface		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
Mass	10.2 [kg/m ²]			
Features	<ul style="list-style-type: none"> • High friction • Soft surface 			


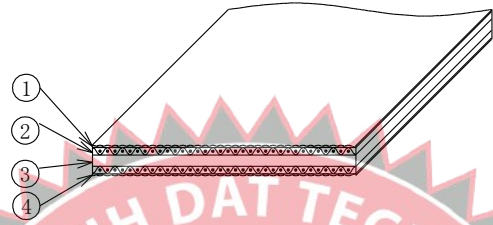
Technical Data Sheet		SEB™		
		Belt type	SE-A-RN	
Applications		<ul style="list-style-type: none"> • Feeder belts • Sack machines 		
Item		Description		Remarks
Specification	Construction			<ul style="list-style-type: none"> ① Red natural rubber (Ground surface) ② Polyamide fabric ③ Polyester cord ④ Black chloroprene rubber (Glossy surface)
	Antistatic	Yes		
Dimensions	Width	7 to 400 [mm]		
	Length	400 to 1970 [mm]		By molds
	Thickness	8.0 [mm]		Thickness available 2 to 12 mm
	Joint	Seamless		
Properties	Tensile strength	58.8 [N/mm]		Test speed: 10%/min.
	Elongation at break	10 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3.7 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	80 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	Approx. 2.0(Steel) Ground surface 0.2 to 0.4(Steel) Glossy surface		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	10.2 [kg/m ²]		
Features	<ul style="list-style-type: none"> • High friction • Soft surface 			

Technical Data Sheet		SEB™		
		Belt type	SE-A-WN	
Applications		<ul style="list-style-type: none"> • Feeder belts • Sack machines 		
Item		Description		Remarks
Specification	Construction			<ul style="list-style-type: none"> ① White natural rubber (Ground surface) ② Polyamide fabric ③ Polyester cord ④ White chloroprene rubber (Glossy surface)
	Antistatic	No		
Dimensions	Width	7 to 400 [mm]		
	Length	400 to 1970 [mm]		By molds
	Thickness	8.0 [mm]		Thickness available 2 to 12 mm
	Joint	Seamless		
Properties	Tensile strength	58.8 [N/mm]		Test speed: 10%/min.
	Elongation at break	10 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3.7 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	80 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	Approx. 2.0(Steel) Ground surface 0.2 to 0.4(Steel) Glossy surface		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
Mass	10.2 [kg/m ²]			
Features	<ul style="list-style-type: none"> • High friction • Soft surface 			


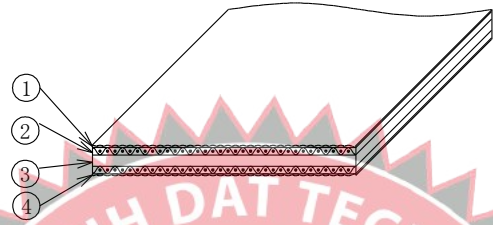
Technical Data Sheet		SEB™		
		Belt type	SE-A-WN-F	
Applications		<ul style="list-style-type: none"> • Feeder belts • Sack machines 		
Item		Description		Remarks
Specification	Construction			<ul style="list-style-type: none"> ① White natural rubber (FDA) (Ground surface) ② Polyester cord ③ Polyamide fabric ④ White chloroprene rubber (Glossy surface)
	Antistatic	Yes		
Dimensions	Width	7 to 400 [mm]		
	Length	400 to 1970 [mm]		By molds
	Thickness	8.0 [mm]		Thickness available 2 to 12 mm
	Joint	Seamless		
Properties	Tensile strength	58.8 [N/mm]		Test speed: 10%/min.
	Elongation at break	10 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3.7 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	80 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	Approx. 1.5(a sheet of paper) Ground surface 0.2 to 0.4(Steel) Glossy surface		Measurement condition: 7kPa,1mm/s Ambient condition: 23°C,50%R.H.
Mass	8.0 [kg/m ²]			
Features	<ul style="list-style-type: none"> • The surface rubber meets the extraction limits specified in the FDA 21 CFR177.2600 for rubber articles in contact with aqueous and fatty foods. 			
	<ul style="list-style-type: none"> • High friction 			
	<ul style="list-style-type: none"> • Soft surface 			

Technical Data Sheet P-005		NITTA BELT POLY		
		Belt type	SG-1000	
Applications				
Item	Description	Remarks		
Specification	Construction			①NBR coating (Green) ②PA Fabric ③PA Film ④NBR coating (Black)
	Antistatic	Yes		
Dimensions	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	1.6 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	300 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	15 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	100 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (Green side) 0.3 to 0.4(Steel) (Black side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.7 [kg/m ²]		
Features				


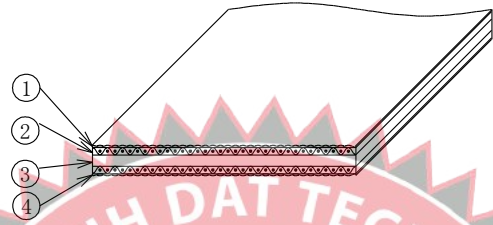
Industrial Products Div.

Technical Data Sheet		NITTA BELT POLY		
		Belt type	SG-250	
P-001		Applications		
Item	Description		Remarks	
Specification	Construction			①NBR coating (Green) ②PA Fabric ③PA Film ④NBR coating (Black)
	Antistatic	Yes		
Dimensions	Width	6 to 325 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	0.8 [mm]		
	Joint	Skived joint Adhesive Polybond A		
	Tensile strength	60 [N/mm]		Test speed: 50mm/min
Properties	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	3 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	25 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (Green side) 0.3 to 0.4(Steel) (Black side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	0.8 [kg/m ²]		
Features				


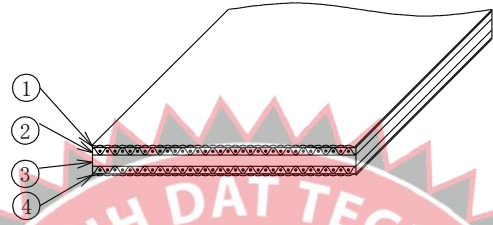
Industrial Products Div.

Technical Data Sheet		NITTA BELT POLY		
		Belt type	SG-350	
P-002		Applications		
Item	Description		Remarks	
Specification	Construction			①NBR coating (Green) ②PA Fabric ③PA Film ④NBR coating (Black)
	Antistatic	Yes		
Dimensions	Width	6 to 325 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	0.95 [mm]		
	Joint	Skived joint		
		Adhesive Polybond A		
Properties	Tensile strength	105 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	5.2 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	35 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (Green side)		Measurement condition: 7kPa, 1mm/s
		0.3 to 0.4(Steel) (Black side)		Ambient condition: 23°C,50%R.H.
	Mass	0.9 [kg/m ²]		
Features				


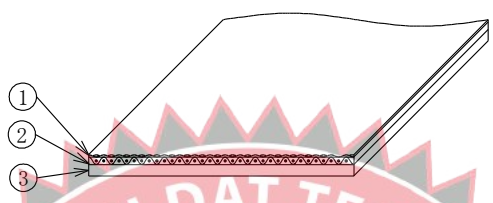
Industrial Products Div.

Technical Data Sheet		NITTA BELT POLY		
		Belt type	SG-500	
P-003		Applications		
Item	Description		Remarks	
Specification	Construction			①NBR coating (Green) ②PA Fabric ③PA Film ④NBR coating (Black)
	Antistatic	Yes		
Dimensions	Width	6 to 325 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	1.1 [mm]		
	Joint	Skived joint Adhesive Polybond A		
	Tensile strength	150 [N/mm]		Test speed: 50mm/min
Properties	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	7.5 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (Green side)		Measurement condition: 7kPa, 1mm/s
		0.3 to 0.4(Steel) (Black side)		Ambient condition: 23°C,50%R.H.
Mass	1.1 [kg/m ²]			
Features				

Industrial Products Div.


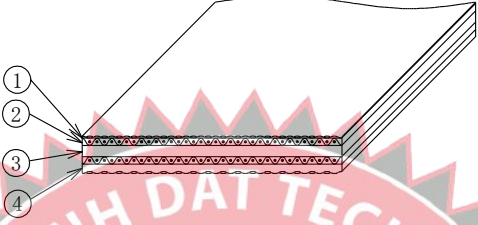
Technical Data Sheet P-004		NITTA BELT POLY		
		Belt type	SG-750	
Applications				
Item	Description		Remarks	
Specification	Construction			①NBR coating (Green) ②PA Fabric ③PA Film ④NBR coating (Black)
	Antistatic	Yes		
Dimensions	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	1.35 [mm]		
	Joint	Skived joint		
		Adhesive Polybond A		
Properties	Tensile strength	225 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	11.2 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	75 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (Green side)		Measurement condition: 7kPa, 1mm/s
		0.3 to 0.4(Steel) (Black side)		Ambient condition: 23°C,50%R.H.
Mass	1.4 [kg/m ²]			
Features				


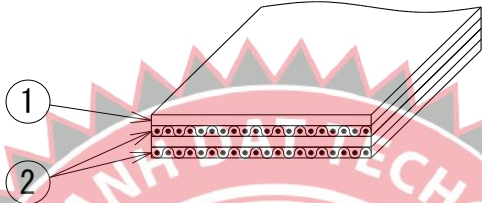
Industrial Products Div.

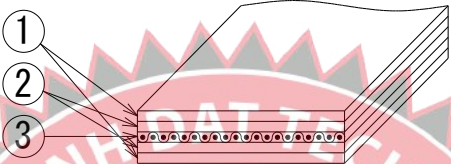
Technical Data Sheet		NITTA BELT POLY		
P-006		Belt type	SG-750-2P	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR coating (Green) ②PA Fabric ③PA Film		
Dimensions	Antistatic	No		
	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	1.1 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	225 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	5.6 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (NBR side) 0.1 to 0.2(Steel) (PA side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	1.2 [kg/m ²]		
Features				


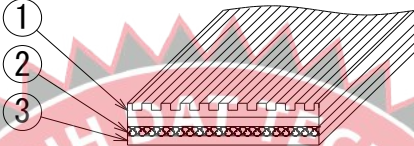
Industrial Products Div.

The contents of this TDS may be changed without notice.

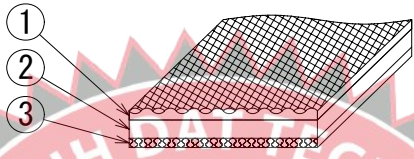
Technical Data Sheet		NITTA BELT POLY		
P-278		Belt type	SGLA-350S	
Applications		A Light Conveyor for Paper Printings.		
Item	Description	Remarks		
Specification	Construction 	①NBR coating (Green) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)		
Dimensions	Antistatic	Yes		
	Width	10 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	1.2 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	135 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.4 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	30 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.3 to 0.4(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s	
		0.5 to 0.6(Steel) (Blue side)	Ambient condition: 23°C,50%R.H.	
Mass	1.2 [kg/m ²]			
Features				


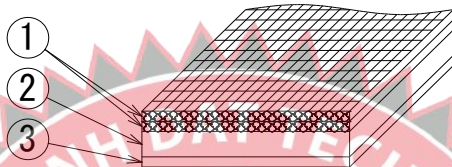
Technical Data Sheet		NLG™		
		S-002	Belt type	
Applications		<ul style="list-style-type: none"> • Food Conveyor • Inclined and declined conveyor • Conveyor for lightweight material 		
Item		Description		Remarks
Specification	Construction			①Silicone rubber (Flat surface, White) ②PES Fabric (White)
	Dimensions	Antistatic	Yes	
	Width	10 to 960 [mm]		
	Length	700 to 100,000 [mm]		
	Thickness	1.2 [mm]		
	Joint	Finger Joint		
Properties	Tensile strength	120 [N/mm]		Test speed : 50 mm/min
	Elongation at break	15 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	2 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ30 [mm]		
	Operating temp.	-20 to 150 [°C]		
	Coefficient of friction	0.9 to 1.0(Steel) Silicone rubber side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.4 [kg/m ²]		
Features	<ul style="list-style-type: none"> • Heat resistance. • High friction. • Releasable. 			


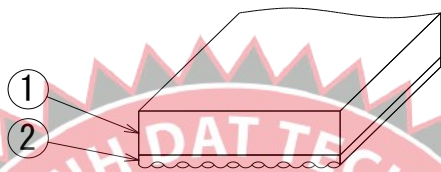
Technical Data Sheet		PolySprint™		NITTA
PS-014		Belt type	SLA-8E14	
Applications		<ul style="list-style-type: none"> • Mail sorter(Drive) • Live roller conveyer 		
Item	Description	Remarks		
Specification	Construction			①NBR (Taffeta surface,Blue) ②TPU ③PES fabric
Dimensions	Antistatic	Yes		
	Width	10 to 300 [mm]		
	Length	1000 to 100,000 [mm]		
	Thickness	1.4 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 70L)		
Properties	Tensile strength	90 [N/mm]		Test speed: 50mm/min
	Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	8 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.8 to 0.9 (Paper) /0.5 to 0.6(Steel) Both side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.7 [kg/m2]		
Features				


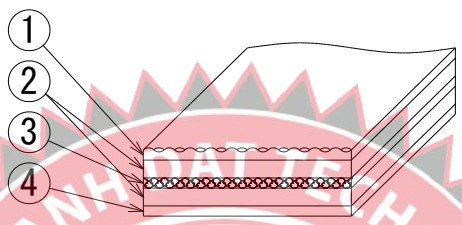
Technical Data Sheet PS-087		PolySprint™ Belt type SNTC-RB20B			
Applications		<ul style="list-style-type: none"> • Transport • Inclined and declined conveyor 			
Item		Description		Remarks	
Specification	Construction			①Soft TPU (Longitudinal groove surface,Green) ②Knit ③TPU (Taffeta surface,Blue)	
	Dimensions		Antistatic Yes Width 10 to 1030 [mm] Length 400 to 100,000 [mm] Thickness 2.0 [mm] Joint Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	15 [N/mm]		Test speed: 50mm/min	
	Elongation at break	150 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	5 [%]			
	Tension at 5 [%]	0.65 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	φ25 [mm]			
	Operating temp.	-20 to +60 [°C]			
	Coefficient of friction	0.9 to 1.0(Steel) Green side 0.3 to 0.4(Steel) Blue side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
Mass	1.8 [kg/m ²]				
	Features <ul style="list-style-type: none"> • Top surface is high friction. • No take-up required. (fixed center distances acceptable) 				


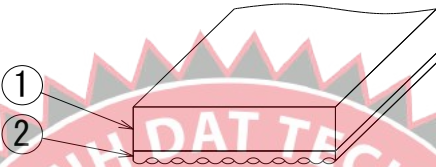
Technical Data Sheet		PolySprint™		NITTA
		Belt type	SNTC-RB22A	
PS-077				
Applications		<ul style="list-style-type: none"> • Transport • Inclined and declined conveyor 		
Item		Description		Remarks
Specification	Construction			①Soft TPU (Longitudinal groove surface, Green) ②TPU ③Knit (Blue)
	Dimensions	Antistatic	Yes	
	Width	10 to 1,016 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	2.25 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L or 20W * 50L)		
Properties	Tensile strength	15 [N/mm]		Test speed: 50mm/min
	Elongation at break	150 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	5 [%]		
	Tension at 5 [%]	0.8 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.9 to 1.0(Steel) Green side 0.1 to 0.2(Steel) Blue side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	2 [kg/m ²]		
Features	<ul style="list-style-type: none"> • Top surface is high friction. • No take-up required. (fixed center distances acceptable) 			

Technical Data Sheet		PolySprint™		NITTA
		Belt type	SNTC-TW18A	
PS-085				
Applications		<ul style="list-style-type: none"> • Transport • Inclined and declined conveyer 		
Item		Description		Remarks
Specification	Construction			①Soft TPU (Mini Rough Top,Green) ②TPU ③Knit (Blue)
	Dimensions	Antistatic	Yes	
	Width	10 to 1,000 [mm]		
	Length	400 to 900,000 [mm]		
	Thickness	1.8 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	15 [N/mm]		Test speed: 50mm/min
	Elongation at break	150 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	5 [%]		
	Tension at 5 [%]	0.65 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ20 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.7 to 0.8(Steel) Green side 0.1 to 0.2(Steel) Blue side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.5 [kg/m ²]		
Features	<ul style="list-style-type: none"> • Top surface is high friction. • No take-up required. (fixed center distances acceptable) 			


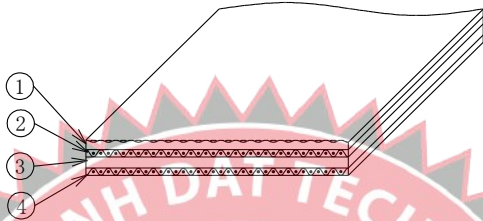
Technical Data Sheet		PolySprint™		
		PS-008	Belt type	
Applications		<ul style="list-style-type: none"> • Postal 		
Item	Description	Remarks		
Specification	Construction			①Knit (Blue) ②TPU (Blue) ③Conductive TPU (Smooth surface,Black)
Dimensions	Antistatic	Yes		
	Width	10 to 480 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	1.35 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	15 [N/mm]		Test speed: 50mm/min
	Elongation at break	100 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	5 [%]		
	Tension at 5 [%]	0.5 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.2 to 0.3 (Paper) /0.1 to 0.2(Steel) Knit side 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.3 [kg/m ²]		
Features				


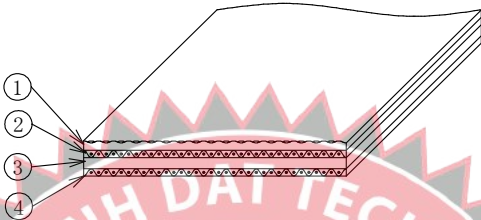
Technical Data Sheet		PolySprint™		
		Belt type	TA12	
PS-002		<ul style="list-style-type: none"> • Transport • Bookbinding machine 		
Applications				
Item	Description	Remarks		
Specification	Construction			①TPU (Taffeta surface,Blue) ②Conductive TPU (Textured surface,Black)
Dimensions	Antistatic	Yes		
	Width	10 to 550 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	1.2 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L) & Skiver Joint		
Properties	Tensile strength	25 [N/mm]		Test speed: 50mm/min
	Elongation at break	500 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	5 [%]		
	Tension at 5 [%]	0.7 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Blue side 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.1 [kg/m ²]		
Features				


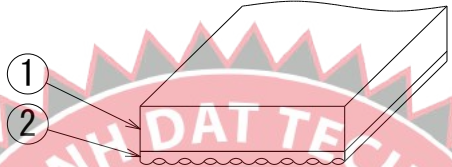
Technical Data Sheet PS-039		<i>PolySprint™</i> Belt type TA-S6G4	
Applications		<ul style="list-style-type: none"> • Postal 	
Item	Description	Remarks	
Specification	Construction		①NBR (Textured surface,Blue) ②TPU ③Knit ④TPU (Taffeta surface,Blue)
	Dimensions	Antistatic	Yes
Width		10 to 520 [mm]	
Length		400 to 100,000 [mm]	
Thickness		1.3 [mm]	
Joint		Finger Joint (standard dimension: 10W * 30L)	
Properties	Tensile strength	10 [N/mm]	
	Elongation at break	50 [%]	
	Standard elongation	5 [%]	
	Tension at 5 [%]	0.6 [N/mm] (after 200hours running-in)	
	Minimum pulley dia.	φ25 [mm]	
	Operating temp.	-20 to +60 [°C]	
	Coefficient of friction	0.8 to 0.9 (Paper) /0.7 to 0.8(Steel) NBR side 0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) TPU side	
	Mass	1.4 [kg/m ²]	
Features			


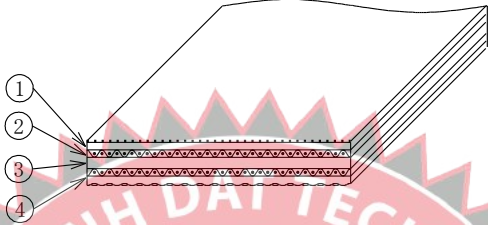
Technical Data Sheet		PolySprint™		
		Belt type	TA09	
PS-001		<ul style="list-style-type: none"> • Transport • Bookbinding machine 		
Applications				
Item	Description	Remarks		
Specification	Construction 	①TPU (Taffeta surface,Blue) ②Conductive TPU (Textured surface,Black)		
Dimensions	Antistatic	Yes		
	Width	10 to 550 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	0.9 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L) & Skiver Joint		
Properties	Tensile strength	20 [N/mm]		Test speed: 50mm/min
	Elongation at break	500 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	5 [%]		
	Tension at 5 [%]	0.5 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ20 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Blue side 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	0.9 [kg/m ²]		
Features				

Technical Data Sheet		PolySprint™		NITTA	
PS-090		Belt type		TA12-BK	
Applications		• Transport			
Item		Description		Remarks	
Specification	Construction			①TPU (Taffeta surface,Transparent) ②Conductive TPU (Textured surface,Black)	
	Dimensions	Antistatic	Yes		
	Width	10 to 550 [mm]			
	Length	400 to 100,000 [mm]			
	Thickness	1.2 [mm]			
	Joint	Finger Joint (standard dimension: 10W * 30L) & Skiver Joint			
Properties	Tensile strength	25 [N/mm]		Test speed: 50mm/min	
	Elongation at break	500 [%]		Ambient condition: 23°C,50%R.H.	
	Standard elongation	5 [%]			
	Tension at 5 [%]	0.7 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	φ25 [mm]			
	Operating temp.	-20 to +60 [°C]			
	Coefficient of friction	0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Transparent side 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
Mass	1.1 [kg/m ²]				
Features					


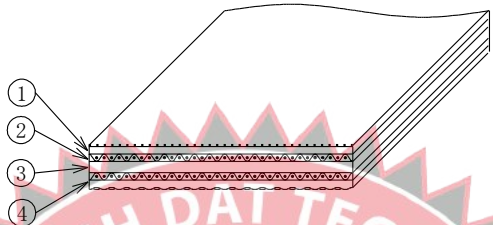
Technical Data Sheet		NITTA BELT POLY		
P-271		Belt type	TAIR-250	
Applications		A Paper Conveying Belt for Printing Applications. Book Making Machines. Table Supporting Conveyor.		
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Green) ②PA Fabric ③PA Film ④PA Fabric (Blue)		
Dimensions	Antistatic	Yes		
	Width	10 to 280 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	1.0 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	60 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	1.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	25 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s	
		0.2 to 0.25(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.	
Mass	1.1 [kg/m ²]			
Features				


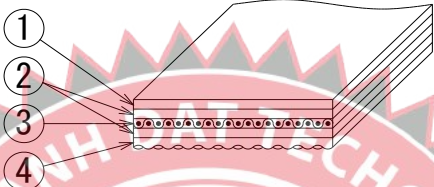
Technical Data Sheet		NITTA BELT POLY		
P-151		Belt type	TAIR-350	
Applications		A Paper Conveying Belt for Printing Applications. Book Making Machines. Table Supporting Conveyor.		
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Green) ②PA Fabric ③PA Film ④PA Fabric (Blue)		
Dimensions	Antistatic	Yes		
	Width	6 to 305 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	1.15 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	105 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	2.6 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	30 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s	
		0.2 to 0.25(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.	
Mass	1.2 [kg/m ²]			
Features				

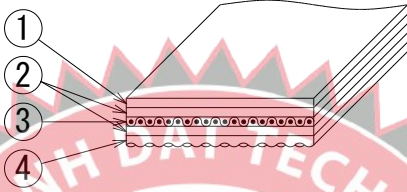
Technical Data Sheet <small>PS-006</small>		<i>PolySprint™</i> Belt type TC	
Applications		• Postal	
	Item	Description	Remarks
Specification	Construction		①TPU (Taffeta surface,Green) ②Conductive TPU (Textured surface,Black)
Dimensions		Antistatic Yes Width 10 to 1,000 [mm] Length 400 to 100,000 [mm] Thickness 1.4 [mm] Joint Finger Joint (standard dimension: 10W * 30L) & Skiver Joint	
Properties		Tensile strength 30 [N/mm] Elongation at break 500 [%] Standard elongation 5 [%] Tension at 5 [%] 0.8 [N/mm] (after 200hours running-in) Minimum pulley dia. φ40 [mm] Operating temp. -20 to +60 [°C] Coefficient of friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Green side 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Mass 1.5 [kg/m2]	Test speed: 50mm/min Ambient condition: 23°C,50%R.H. Ambient condition: 23°C,50%R.H. Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
Features			

Technical Data Sheet		NITTA BELT POLY		
P-066		Belt type	TFL-10S	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	2.6 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	390 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	19.5 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	100 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Dark Blue side)		Measurement condition: 7kPa, 1mm/s
		0.5 to 0.6(Steel) (Gray side)		Ambient condition: 23°C,50%R.H.
	Mass	2.8 [kg/m ²]		
Features				

Industrial Products Div.

Technical Data Sheet		NITTA BELT POLY		
P-282		Belt type	TFL-10SH	
Applications				
Item	Description	Remarks		
Specification	Construction 	① Soft NBR (Taffeta Structured, Green) ② PA Fabric ③ PA Film ④ Soft NBR (Textured Pattern, Gray)		
Dimensions	Antistatic	Yes		
	Width	10 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	2.6 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	390 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C, 50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	19.5 [N/mm]	Ambient condition: 23°C, 50%R.H.	
	Minimum pulley dia.	70 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.7 to 0.8(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s	
		0.7 to 0.8(Steel) (Gray side)	Ambient condition: 23°C, 50%R.H.	
Mass	2.8 [kg/m ²]			
Features				


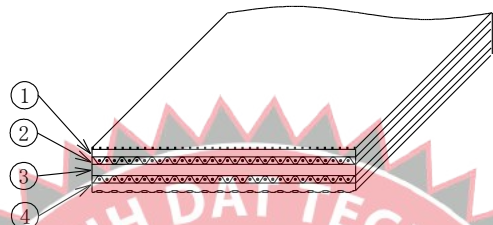
Technical Data Sheet		PolySprint™		
		Belt type	TFL-15E20	
Applications		<ul style="list-style-type: none"> Tangential machine for textile 		
Item	Description	Remarks		
Specification	Construction			①NBR (Taffeta surface,Dark Blue) ②TPU ③PES fabric ④NBR (Textured surface,Black)
Dimensions	Antistatic	Yes		
	Width	10 to 500 [mm]		
	Length	1000 to 200,000 [mm]		
	Thickness	2.0 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 120L)		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	10 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	15 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ40 [mm]		
	Operating temp.	0 to +60 [°C]		
	Coefficient of friction	0.5 to 0.6(Steel) Blue side		Measurement condition: 7kPa, 1mm/s
		0.5 to 0.6(Steel) Black side		Ambient condition: 23°C,50%R.H.
Mass	2.3 [kg/m ²]			
Features				

Technical Data Sheet		PolySprint™		NITTA
PS-082		Belt type	TFL-15E25	
Applications		• Tangential machine for textile		
Item	Description	Remarks		
Specification	Construction			①NBR (Taffeta surface,Dark Blue) ②TPU ③PES fabric ④NBR (Textured surface,Black)
Dimensions	Antistatic	Yes		
	Width	10 to 500 [mm]		
	Length	1000 to 200,000 [mm]		
	Thickness	2.5 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 120L)		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	10 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	15 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ50 [mm]		
	Operating temp.	0 to +60 [°C]		
	Coefficient of friction	0.5 to 0.6(Steel) Blue side		Measurement condition: 7kPa, 1mm/s
		0.5 to 0.6(Steel) Black side		Ambient condition: 23°C,50%R.H.
	Mass	3.0 [kg/m ²]		
Features				


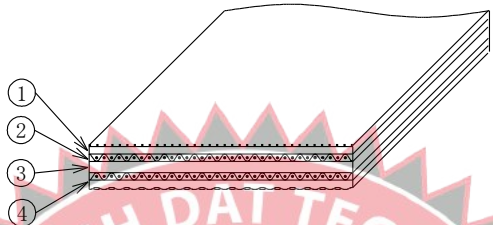
NITTA CORPORATION


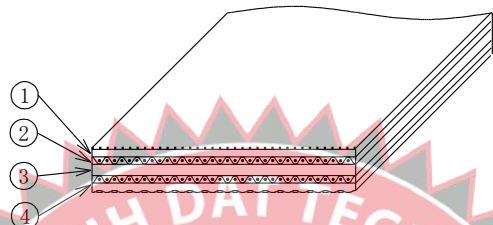
Industrial Products Div.

The contents of this TDS may be changed without notice.


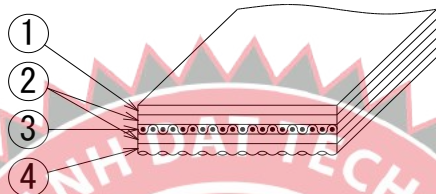
Technical Data Sheet		NITTA BELT POLY		
P-068		Belt type	TFL-15S	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)		
Dimensions	Antistatic	Yes		
	Width	20 to 325 [mm]		
	Length	800 to 105,000 [mm]		
	Thickness	3.1 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	600 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	30 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	150 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Dark Blue side)		Measurement condition: 7kPa, 1mm/s
		0.5 to 0.6(Steel) (Gray side)		Ambient condition: 23°C,50%R.H.
	Mass	3.4 [kg/m ²]		
Features				


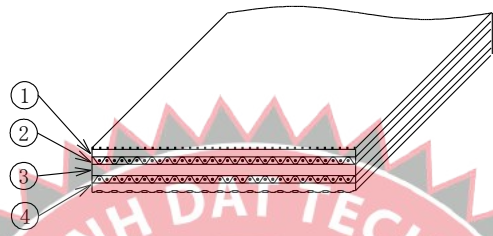
Industrial Products Div.

Technical Data Sheet		NITTA BELT POLY		
P-283		Belt type	TFL-15SH	
Applications				
Item	Description	Remarks		
Specification		① Soft NBR (Taffeta Structured, Green) ② PA Fabric ③ PA Film ④ Soft NBR (Textured Pattern, Gray)		
Dimensions	Antistatic	Yes		
	Width	10 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	3.1 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	600 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	30 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	110 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.7 to 0.8(Steel) (Green side)		Measurement condition: 7kPa, 1mm/s
		0.7 to 0.8(Steel) (Gray side)		Ambient condition: 23°C,50%R.H.
Mass	3.4 [kg/m ²]			
Features				


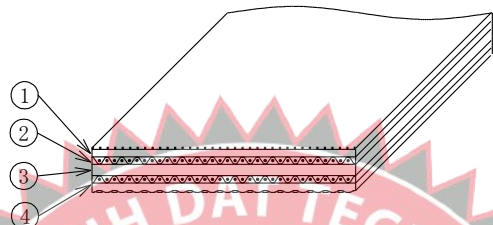
Technical Data Sheet		NITTA BELT POLY		
P-075		Belt type	TFL-18S	
Applications				
Item	Description		Remarks	
Specification	Construction			①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)
	Antistatic	Yes		
Dimensions	Width	20 to 325 [mm]		
	Length	800 to 105,000 [mm]		
	Thickness	3.35 [mm]		
	Joint	Skived joint		
		Adhesive Polybond A and E		
Properties	Tensile strength	680 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	34 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	175 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Dark Blue side)		Measurement condition: 7kPa, 1mm/s
		0.5 to 0.6(Steel) (Gray side)		Ambient condition: 23°C,50%R.H.
	Mass	3.7 [kg/m ²]		
Features				

Industrial Products Div.


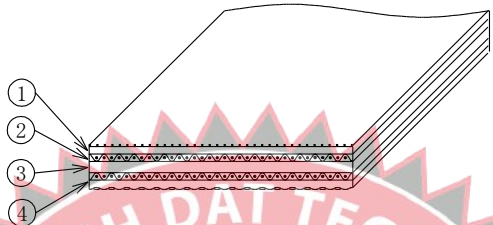
Technical Data Sheet		PolySprint™		
		PS-076	Belt type	
Applications		<ul style="list-style-type: none"> • Textile machine • Power transmission 		
Item	Description	Remarks		
Specification	Construction			<ul style="list-style-type: none"> ①NBR (Taffeta surface,Dark Blue) ②TPU ③PES fabric ④NBR (Textured surface,Black)
Dimensions	Antistatic	Yes		
	Width	10 to 500 [mm]		
	Length	1000 to 200,000 [mm]		
	Thickness	2.6 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 120L)		
Properties	Tensile strength	180 [N/mm]		Test speed: 50mm/min
	Elongation at break	8 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	22 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ50 [mm]		
	Operating temp.	0 to +60 [°C]		
	Coefficient of friction	0.5 to 0.6(Steel) Blue side		Measurement condition: 7kPa, 1mm/s
		0.5 to 0.6(Steel) Black side		Ambient condition: 23°C,50%R.H.
Mass	3.1 [kg/m ²]			
Features				


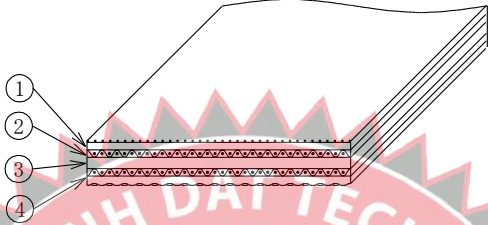
Technical Data Sheet P-061		NITTA BELT POLY		
		Belt type	TFL-3SH	
Applications		Sectional Tangential Drive Post office Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Taffeta Structured, Green) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Gray)
	Antistatic	Yes		
Dimensions	Width	6 to 325 [mm]		
	Length	300 to 105,000 [mm]		
	Thickness	2.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	138 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	6.8 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	35 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.7 to 0.8(Steel) (Green side) 0.7 to 0.8(Steel) (Gray side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
Mass	2.0 [kg/m ²]			
Features	Higher friction coefficient of the surface .			

Industrial Products Div.


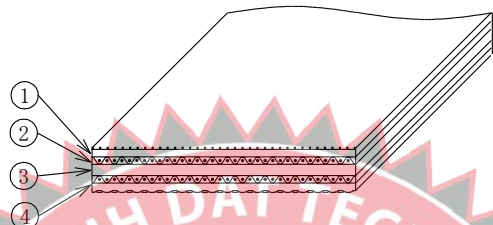
Technical Data Sheet		NITTA BELT POLY		
P-061		Belt type	TFL-6S	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)		
Dimensions	Antistatic	Yes		
	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	2.25 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	230 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	2 [%]		
	Tension at 2 [%]	11.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	60 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Dark Blue side) 0.5 to 0.6(Steel) (Gray side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	2.4 [kg/m ²]		
Features				

Industrial Products Div.


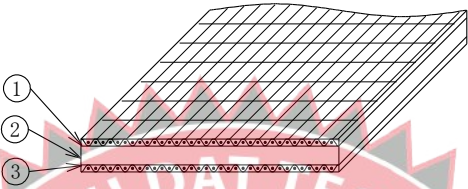
Technical Data Sheet		NITTA BELT POLY		
P-281		Belt type	TFL-6SH	
Applications		Sectional Tangential Drive. Post Office Machines.		
Item	Description	Remarks		
Specification		① Soft NBR (Taffeta Structured, Green) ② PA Fabric ③ PA Film ④ Soft NBR (Textured Pattern, Gray)		
Dimensions	Antistatic	Yes		
	Width	10 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	2.25 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	230 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	11.5 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	40 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.7 to 0.8(Steel) (Green side)		Measurement condition: 7kPa, 1mm/s
		0.7 to 0.8(Steel) (Gray side)		Ambient condition: 23°C,50%R.H.
Mass	2.4 [kg/m ²]			
Features				


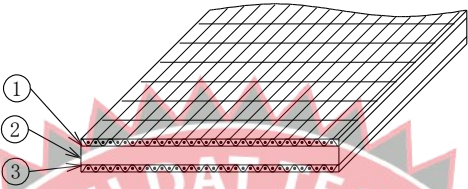
Technical Data Sheet		NITTA BELT POLY		
		Belt type	TFL-7S	
P-063				
Applications				
Item	Description	Remarks		
Specification	Construction			①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)
	Antistatic	Yes		
Dimensions	Width	6 to 325 [mm]		
	Length	500 to 105,000 [mm]		
	Thickness	2.4 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
	Tensile strength	300 [N/mm]		Test speed: 50mm/min
Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.	
Standard elongation	2 [%]			
Tension at 2 [%]	15 [N/mm]		Ambient condition: 23°C,50%R.H.	
Minimum pulley dia.	75 [mm]			
Operating temp.	-20 to +80°C			
Coefficient of friction	0.5 to 0.6(Steel) (Dark Blue side)		Measurement condition: 7kPa, 1mm/s	
	0.5 to 0.6(Steel) (Gray side)		Ambient condition: 23°C,50%R.H.	
Mass	2.6 [kg/m ²]			
Features				


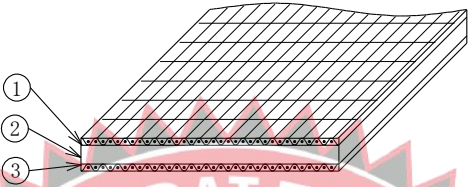
Industrial Products Div.


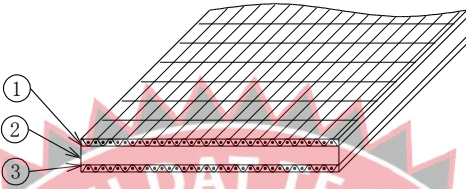
Technical Data Sheet		NITTA BELT POLY		
P-078		Belt type	TFM-15S	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)		
Dimensions	Antistatic	Yes		
	Width	20 to 325 [mm]		
	Length	800 to 105,000 [mm]		
	Thickness	3.7 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	600 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]		
	Tension at 2 [%]	30 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	150 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.5 to 0.6(Steel) (Dark Blue side)		Measurement condition: 7kPa, 1mm/s
		0.5 to 0.6(Steel) (Gray side)		Ambient condition: 23°C,50%R.H.
	Mass	4.1 [kg/m ²]		
Features				


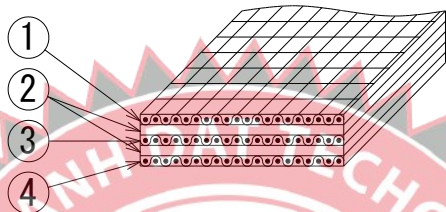
Industrial Products Div.

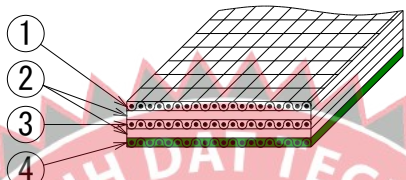
Technical Data Sheet		NITTA BELT POLY		
P-273		Belt type	TTA-1000	
Applications		A Belt for Accumulation Conveyors.		
Item	Description	Remarks		
Specification	Construction 	① PA Fabric (Blue) ② PA Film ③ PA Fabric (Blue)		
Dimensions	Antistatic	No		
	Width	10 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	1.8 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	300 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	7.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	60 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.2 to 0.25(Steel) (Blue side)	Measurement condition: 7kPa, 1mm/s	
		0.2 to 0.25(Steel) (Blue side)	Ambient condition: 23°C,50%R.H.	
Mass	1.7 [kg/m ²]			
Features	Both Sides are Covered by Low Coefficient of Friction Fabrics. Both Fabric sides are Non-Fray Treated.			

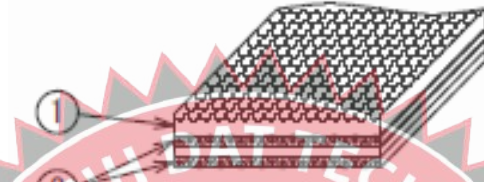
Technical Data Sheet		NITTA BELT POLY		
P-274		Belt type	TTA-1500	
Applications		A Belt for Accumulation Conveyors.		
Item	Description		Remarks	
Specification	Construction			① PA Fabric (Blue) ② PA Film ③ PA Fabric (Blue)
Dimensions	Antistatic	No		
	Width	10 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	2.3 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	450 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	11.2 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	80 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.2 to 0.25(Steel) (Blue side)	Measurement condition: 7kPa, 1mm/s	
		0.2 to 0.25(Steel) (Blue side)	Ambient condition: 23°C,50%R.H.	
Mass	2.2 [kg/m ²]			
Features	Both Sides are Covered by Low Coefficient of Friction Fabrics. Both Fabric sides are Non-Fray Treated.			


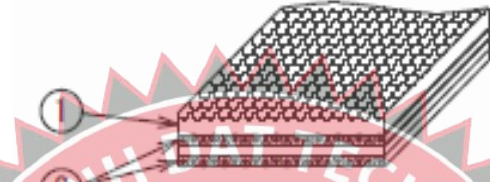
Technical Data Sheet		NITTA BELT POLY		
P-265		Belt type	TTA-350SN	
Applications				
Item	Description	Remarks		
Specification	Construction 	① PA Fabric (Blue, Treated) ② PA Film ③ PA Fabric (Blue, Treated)		
Dimensions	Antistatic	No		
	Width	10 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	1.1 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	135 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.4 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	30 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.2 to 0.3(Steel) (Fabric side)	Measurement condition: 7kPa, 1mm/s	
		0.2 to 0.3(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.	
Mass	1.05 [kg/m ²]			
Features	Folder Belt in Web Off-set Printer, Superior Wear Resistance			

Technical Data Sheet		NITTA BELT POLY		
P-272		Belt type	TTA-500	
Applications		A Belt for Accumulation Conveyors.		
Item	Description	Remarks		
Specification	Construction 	① PA Fabric (Blue) ② PA Film ③ PA Fabric (Blue)		
Dimensions	Antistatic	No		
	Width	5 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	1.3 [mm]		
	Joint	Skived joint Adhesive Polybond A		
Properties	Tensile strength	150 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.8 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	40 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.2 to 0.25(Steel) (Blue side)	Measurement condition: 7kPa, 1mm/s	
		0.2 to 0.25(Steel) (Blue side)	Ambient condition: 23°C,50%R.H.	
Mass	1.2 [kg/m ²]			
Features	Both Sides are Covered by Low Coefficient of Friction Fabrics. Both Fabric sides are Non-Fray Treated.			

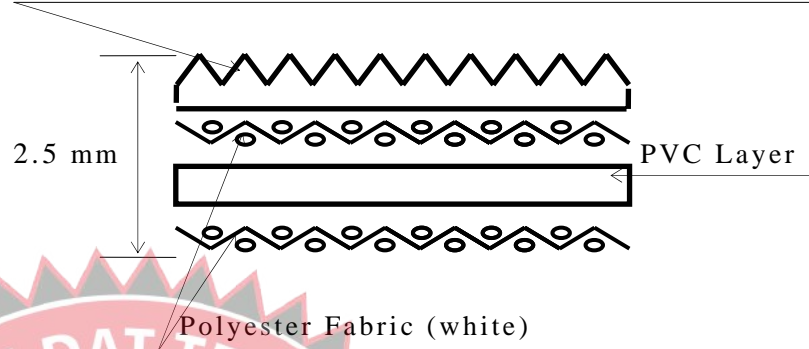
Technical Data Sheet		PolySprint™		
		Belt type	TTP-8E18N	
Applications		• Gravure Printing Machine (Paper folding part)		
Item	Description		Remarks	
Specification	Construction			①Special PA fabric (Purple) ②TPU ③PES fabric ④Special PA fabric (White)
Dimensions	Antistatic	Yes		
	Width	10 to 500 [mm]		
	Length	1000 to 100,000 [mm]		
	Thickness	1.8 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 70L)		Finger Joint 5Wx35L applicable (Less than 1% elongation)
Properties	Tensile strength	140 [N/mm]		Test speed: 50mm/min
	Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	8 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ40 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.2 to 0.3 (Paper) Purple side 0.15 to 0.25(Steel) White side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.8 [kg/m ²]		
Features				

Technical Data Sheet PS-055		PolySprint™		NITTA
		Belt type	TTZ-4E10LF	
Applications		<ul style="list-style-type: none"> • Printing machine (for offset folder) • Bookbinding machine 		
Item		Description		Remarks
Specification	Construction			①Special PA fabric (White) ②TPU ③PES fabric ④Special PA fabric (NBR coating, Green)
	Dimensions	Antistatic	Yes	
	Width	10 to 500 [mm]		
	Length	400 to 200,000 [mm]		
	Thickness	1.0 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	80 [N/mm]		Test speed: 50mm/min
	Elongation at break	12 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	4 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ30 [mm] (Finger Joint)		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.2 to 0.3 (Paper) 0.15-0.25(Steel) White side 0.6 to 0.7 (Paper) 0.3-0.4(Steel) Green side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.0 [kg/m ²]		
Features				

Technical Data Sheet		NLG™		NITTA
C-021		Belt type	VRT-14A	
Applications		<ul style="list-style-type: none"> Inclined and declined conveyor Conveyor for heavyweight material 		
Item	Description		Remarks	
Specification	Construction			①PVC (Rough top, Green) ②PES Fabric (White)
Dimensions	Antistatic	Yes		
	Width	10 to 2,000 [mm]		
	Length	700 to 100,000 [mm]		
	Thickness	5.5 [mm]		
	Joint	Finger Joint or Step Joint		
Properties	Tensile strength	80 [N/mm]		Test speed : 50 mm/min
	Elongation at break	12 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	2 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	Ø60 [mm] (Finger Joint) Ø80 [mm] (Step Joint)		
	Operating temp.	-10 to 70 [°C]		
	Coefficient of friction	Over 1.0 (Steel) PVC side 0.2 to 0.25 (Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	4.4 [kg/m ²]		
Features				

Technical Data Sheet		NLG™		
C-021		Belt type	VRT-20A	
Applications		<ul style="list-style-type: none"> Inclined and declined conveyor Conveyor for heavyweight material 		
Item		Description		Remarks
Specification	Construction			①PVC (Rough top, Green) ②PES Fabric (White)
	Dimensions	Antistatic	Yes	
	Width	10 to 2,000 [mm]		
	Length	700 to 100,000 [mm]		
	Thickness	5.5 [mm]		
	Joint	Finger Joint or Step Joint		
Properties	Tensile strength	140 [N/mm]		Test speed : 50 mm/min
	Elongation at break	10 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	3 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	Ø60 [mm] (Finger Joint) Ø80 [mm] (Step Joint)		
	Operating temp.	-5 to 70 [°C]		
	Coefficient of friction	Over 1.0 (Steel) PVC side 0.2 to 0.25 (Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	4.5 [kg/m ²]		
Features				

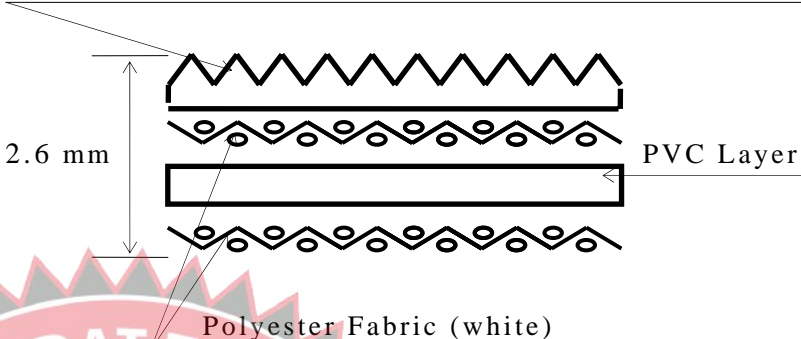
Technical Sheet		WHNP-12AK		Nitta Corp. of America	
C-046		(2 LRF 707 NP)		8/6/2008	
ITEM		DESCRIPTION			
Belt Specs	Structure	<p>PVC (white)-55° shore A-0.5mm thick-NP Profile</p> <p>2.7 mm</p> <p>PVC layer</p> <p>Polyester Fabric (white)</p>			
	Anti-Static	NO			
Manuf. Standard	Size	Width: 2000 mm	78 in		
		Length: 100 m	328 ft		
Belt Properties	Tensile Strength	80 N/mm	457 lbs/in		
	Elongation at Break			12 %	
	Standard Tension			0.5 %	
	Working Load at 1%	8 N/mm	46 lbs/in		
	Min. Pulley Diameter	Finger Joint :	30 mm	1.18 in	
		Skiver Joint :	50 mm	2.0 in	
	Temperature Range	Continuously :	-10 to +70 °C	14 to 158 °F	
		Periodically :	-20 to +100 °C	-4 to 212 °F	
	Coefficient of Friction (Steel)	top:	over 1.0		
bottom:		0.2 to 0.25			
Weight	2.5 kg/m ²	0.51 lbs/ft ²			
Special Properties	FDA Approved Incline Belt				

Technical Sheet		WHSQ-12AK (2 LRF 705 SQPR)		Nitta Corp. of America 15/Nov/06	
ITEM		DESCRIPTION			
Belt Specs	Structure	PVC (white) -65°shore A-0.5mm thick-SQPR Profile 			
	Anti-Static	NO			
Manuf. Standard	Size	Width: 2000	78		
		Length: 100 m	328 ft		
Belt Properties	Tensile Strength	110 N/mm	629 lbs/in		
	Elongation at Break	20 %			
	Standard Tension	0.5 %			
	Working Load at 1%	8 N/mm	46 lbs/in		
	Min. Pulley Diameter	Finger Joint : 40 mm/60 mm	1.5 in/2.4 in		
	Flex/Back Flex	Skiver Joint : 80 mm/ 120 mm	3.15 in/4.7 in		
	Temperature Range	Continuously: -10 to +90 °C	14 to 194 °F		
		Periodically : -20 to +100 °C	-4 to 212 °F		
	Coefficient of Friction (STEEL)	top: 0.6 to 0.7			
bottom: 0.2 to 0.25					
Weight	2.4 kg/m ²	0.49 lbs/ft ²			
Special Properties	FDA Approved Incline Belt				

Phone: (800) 221-3689

www.nitta.com


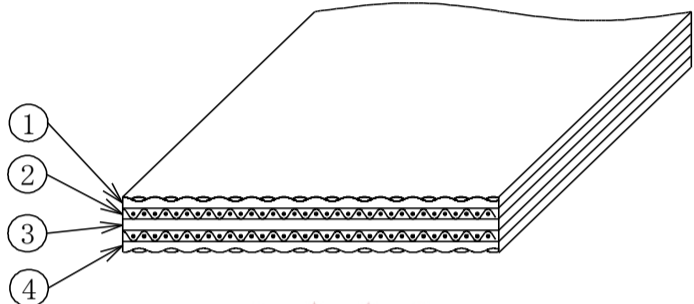
Fax: (770) 623-1398


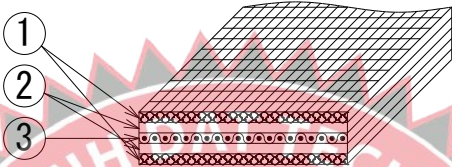
Technical Sheet		WHSQ-16AK		Nitta Corp. of America		
C-049K		(2 RF 71 SQPR)		8/6/2008		
ITEM		DESCRIPTION				
Belt Specs	Structure	PVC (white) -65°shore A-0.7mm thick-SQPR Profile 				
	Anti-Static	NO				
Manuf. Standard	Size	Width: 2000 or 3000 mm	78 or 118 in			
		Length: 100 m	328 ft			
Belt Properties	Tensile Strength	110 N/mm	629 lbs/in			
	Elongation at Break	12 %				
	Standard Tension	0.5 %				
	Working Load at 1%	10 N/mm	57 lbs/in			
	Min. Pulley Diameter	Finger Joint :	50 mm	2.0 in		
		Skiver Joint :	80 mm	3.15 in		
	Temperature Range	Continuously:	-10 to +70 °C	14 to 158 °F		
		Periodically :	-20 to +100 °C	-4 to 212 °F		
	Coefficient of Friction (STEEL)	top:	0.6 to 0.7			
bottom:		0.2 to 0.25				
Weight	2.8 kg/m ²	0.57 lbs/ft ²				
Special Properties	FDA Approved Incline Belt					


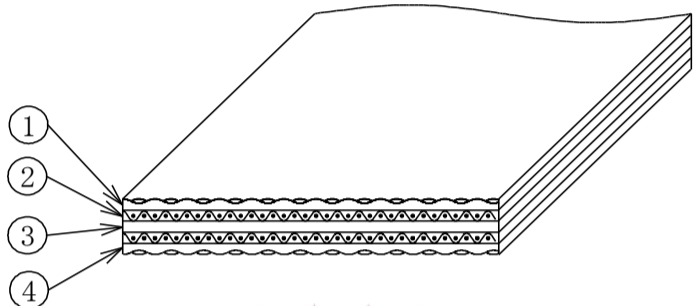
Phone: (800) 221-3689

www.nitta.com

Fax: (770) 623-1398

Technical Data Sheet		NITTA BELT POLY		
P-058		Belt type	XH-1000-4	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Blue)
Dimensions	Antistatic	Yes		
	Width	20 to 320 [mm]		
	Length	500 to 103,000 [mm]		
	Thickness	4.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	300 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	7.5 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	75 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	4.4 [kg/m ²]		
Features				


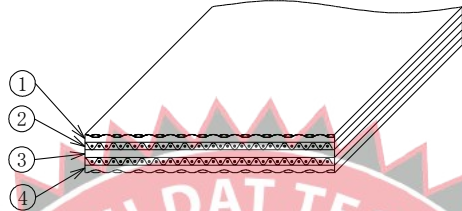
Technical Data Sheet		PolySprint™		
		Belt type	TTF-4E10	
Applications		<ul style="list-style-type: none"> • Bookbinding machine • Printing machine 		
Item	Description	Remarks		
Specification	Construction			①Special PA fabric (Gray) ②TPU ③PES fabric
Dimensions	Antistatic	Yes		
	Width	10 to 340 [mm]		
	Length	400 to 100,000 [mm]		
	Thickness	1.0 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 30L)		
Properties	Tensile strength	45 [N/mm]		Test speed: 50mm/min
	Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	4 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ15 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.2 to 0.3 (Paper) /0.1 to 0.2(Steel) Both side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.0 [kg/m2]		
Features				

Technical Data Sheet		NITTA BELT POLY		
P-048		Belt type	XH-500-3	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Blue)
Dimensions	Antistatic	Yes		
	Width	6 to 320 [mm]		
	Length	300 to 103,000 [mm]		
	Thickness	3.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.8 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	3.4 [kg/m ²]		
Features				

NITTA CORPORATION

Industrial Products Div.


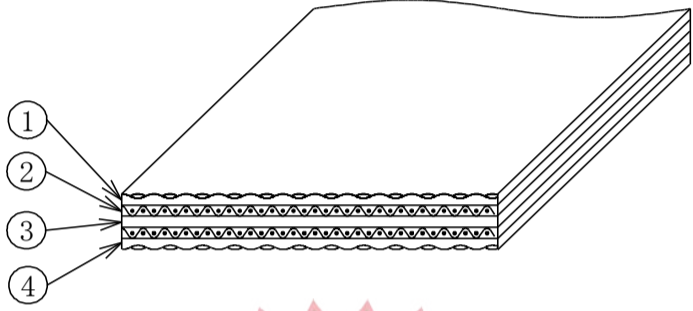
The contents of this TDS may be changed without notice.


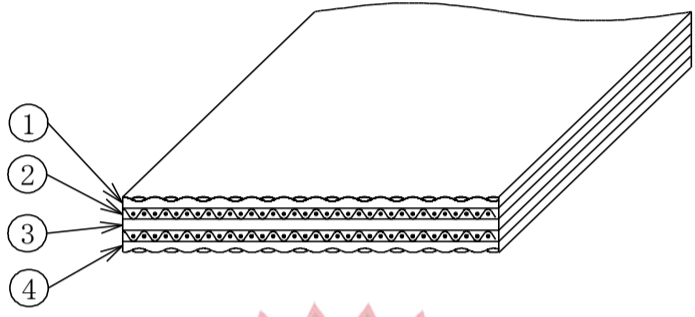
Technical Data Sheet		NITTA BELT POLY		
P-290		Belt type	XH-500-3-F	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR(FDA) (Textured Pattern, Light Gray) ②PA Fabric ③PA Film ④Soft NBR(FDA) (Textured Pattern, Light Gray)
Dimensions	Antistatic	Yes		
	Width	6 to 320 [mm]		
	Length	300 to 103,000 [mm]		
	Thickness	3.0 [mm]		
	Joint	Skived joint		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.8 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	50 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	3.4 [kg/m ²]		
Features	The surface rubber meets the extraction limits specified in the FDA 21 CFR177.2600 for rubber articles in contact with aqueous and fatty foods.			

NITTA CORPORATION

Industrial Products Div.

The contents of this TDS may be changed without notice.


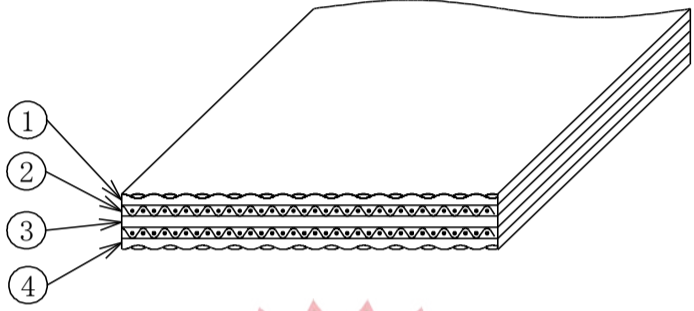
Technical Data Sheet		NITTA BELT POLY		
P-050		Belt type	XH-500-4	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Blue)
Dimensions	Antistatic	Yes		
	Width	6 to 320 [mm]		
	Length	300 to 103,000 [mm]		
	Thickness	4.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.8 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	60 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	4.3 [kg/m ²]		
Features				


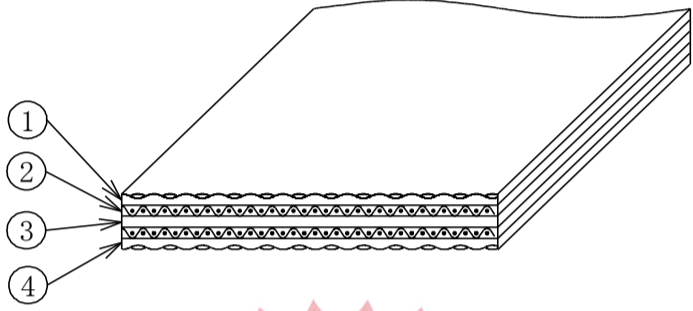
Technical Data Sheet		NITTA BELT POLY		
P-051		Belt type	XH-500-5	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Blue)
Dimensions	Antistatic	Yes		
	Width	6 to 320 [mm]		
	Length	300 to 50,000 [mm]		
	Thickness	5.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.8 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	70 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	6.8 [kg/m ²]		
Features				


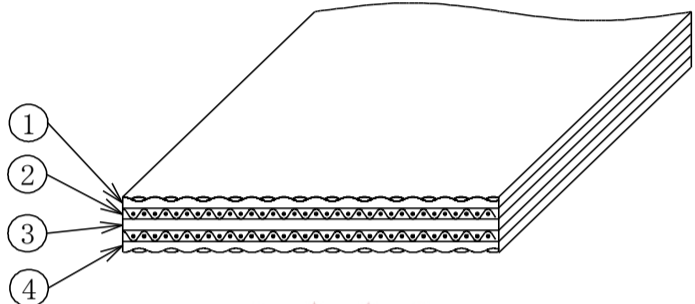
NITTA CORPORATION

Industrial Products Div.

The contents of this TDS may be changed without notice.

Technical Data Sheet		NITTA BELT POLY		
P-052		Belt type	XH-500-6	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Blue)
Dimensions	Antistatic	Yes		
	Width	6 to 320 [mm]		
	Length	300 to 50,000 [mm]		
	Thickness	6.0 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.8 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	80 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	7.4 [kg/m ²]		
Features				


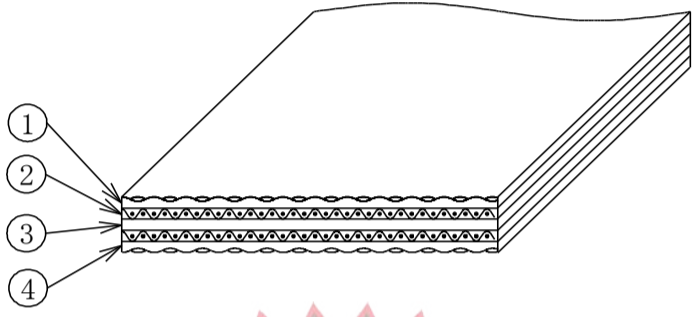
Technical Data Sheet		NITTA BELT POLY		
P-054		Belt type	XH-750-3	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Blue)
Dimensions	Antistatic	Yes		
	Width	6 to 320 [mm]		
	Length	500 to 103,000 [mm]		
	Thickness	3.25 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	225 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	5.6 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	60 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	3.6 [kg/m ²]		
Features				

Technical Data Sheet		NITTA BELT POLY		
P-055		Belt type	XH-750-4	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Blue)
Dimensions	Antistatic	Yes		
	Width	6 to 320 [mm]		
	Length	500 to 103,000 [mm]		
	Thickness	4.25 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	225 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	5.6 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	70 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	4.5 [kg/m ²]		
Features				

NITTA CORPORATION

Industrial Products Div.


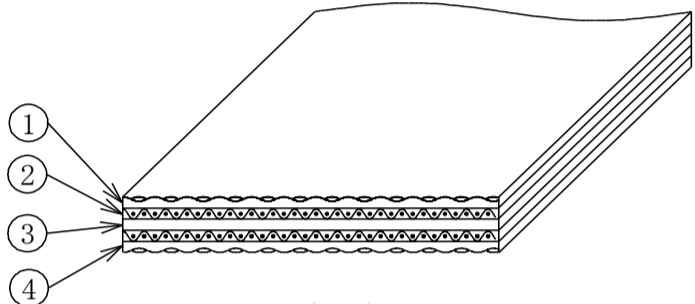
The contents of this TDS may be changed without notice.

Technical Data Sheet		NITTA BELT POLY		
P-281		Belt type	XH-750-5	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Blue)
Dimensions	Antistatic	Yes		
	Width	6 to 320 [mm]		
	Length	500 to 50,000 [mm]		
	Thickness	5.25 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	225 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	5.6 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	80 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	5.5 [kg/m ²]		
Features				

NITTA CORPORATION

Industrial Products Div.


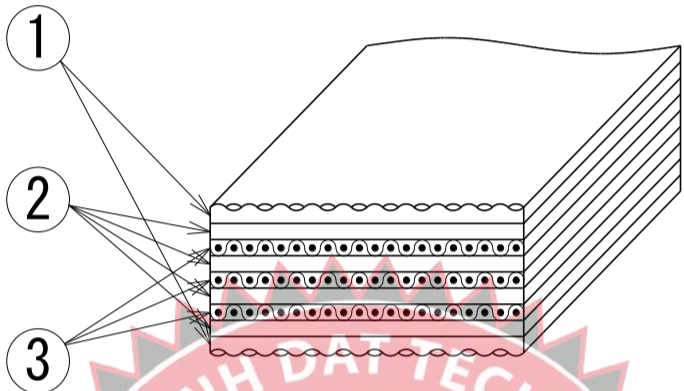
The contents of this TDS may be changed without notice.

Technical Data Sheet		NITTA BELT POLY		
P-057		Belt type	XH-750-6	
Applications		Belt for Folder Gluer Machines		
Item	Description		Remarks	
Specification	Construction			①Soft NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Blue)
Dimensions	Antistatic	Yes		
	Width	6 to 320 [mm]		
	Length	500 to 50,000 [mm]		
	Thickness	6.25 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	225 [N/mm]		Test speed: 50mm/min
	Elongation at break	20 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	5.6 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	90 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side)		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	7.6 [kg/m ²]		
Features				

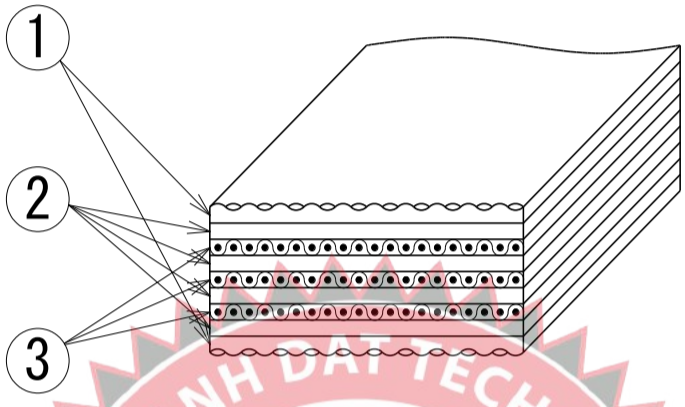
NITTA CORPORATION


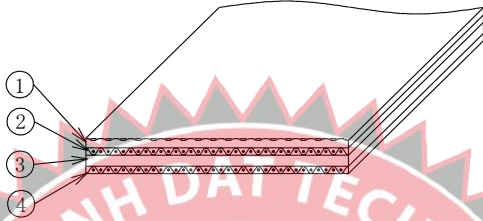
Industrial Products Div.


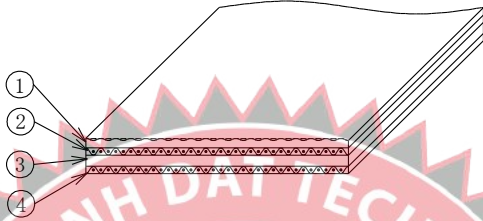
The contents of this TDS may be changed without notice.


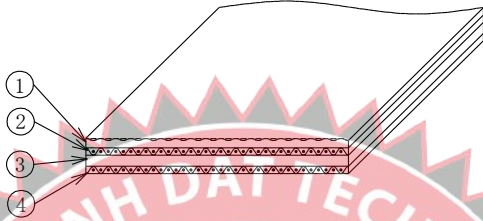
Technical Data Sheet		PolySprint™		
PS-019		Belt type	XH-8E30	
Applications		<ul style="list-style-type: none"> ▪ Folder gluer 		
Item		Description		Remarks
Specification	Construction			①NBR (Textured surface,Blue) ②TPU ③PES fabric
Dimensions	Antistatic	Yes		
	Width	10 to 500 [mm]		
	Length	1000 to 100,000 [mm]		
	Thickness	3.0 [mm]		
	Joint	★ Finger Joint ★ (standard dimension: 10W * 70L)		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	8 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ40 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.8 to 0.9 (Paper) /0.7 to 0.8(Steel) Both side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	3.5 [kg/m ²]		
Features				


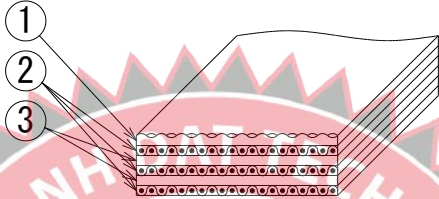
Technical Data Sheet		PolySprint™		NITTA
PS-029		Belt type		
Applications		XH-8E40		
		• Folder gluer		
Item		Description		Remarks
Specification	Construction			①NBR (Textured surface,Blue) ②TPU ③PES fabric
	Dimensions	Antistatic	Yes	
	Width	10 to 500 [mm]		
	Length	1000 to 45,000 [mm]		
	Thickness	4.0 [mm]		
	Joint	★ Finger Joint ★ (standard dimension: 10W * 70L)		
Properties	Tensile strength	150 [N/mm]		Test speed: 50mm/min
	Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]		
	Tension at 1 [%]	8 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ50 [mm]		
	Operating temp.	-20 to +60 [°C]		
	Coefficient of friction	0.8 to 0.9 (Paper) /0.7 to 0.8(Steel) Both side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	4.4 [kg/m ²]		
Features				

Technical Data Sheet		PolySprint™		NITTA
PS-031		Belt type	XH-8E55	
Applications		• Folder gluer		
Item	Description		Remarks	
Specification	Construction			①NBR (Textured surface,Blue) ②TPU ③PES fabric
	Antistatic	Yes		
Dimensions	Width	10 to 500 [mm]		
	Length	1000 to 45,000 [mm]		
	Thickness	5.5 [mm]		
	Joint	★ Finger Joint ★ (standard dimension: 10W * 70L)		
	Tensile strength	150 [N/mm]		Test speed: 50mm/min
Elongation at break	13 [%]		Ambient condition: 23°C,50%R.H.	
Standard elongation	1 [%]			
Tension at 1 [%]	8 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.	
Minimum pulley dia.	φ80 [mm]			
Operating temp.	-20 to +60 [°C]			
Coefficient of friction	0.8 to 0.9 (Paper) /0.7 to 0.8(Steel) Both side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
Mass	6.5 [kg/m ²]			
Features				

Technical Data Sheet		NITTA BELT POLY		
P-277		Belt type	XHTA-1000-6	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④PA Fabric (Blue)		
Dimensions	Antistatic	Yes		
	Width	5 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	6 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	300 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	7.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	80 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.7 to 0.8(Steel) (Rubber side)	Measurement condition: 7kPa, 1mm/s	
		0.2 to 0.3(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.	
Mass	6.3 [kg/m ²]			
Features				

Technical Data Sheet		NITTA BELT POLY		
P-275		Belt type	XHTA-500-4	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④PA Fabric (Blue)		
Dimensions	Antistatic	Yes		
	Width	5 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	4 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	150 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	3.8 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	60 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.7 to 0.8(Steel) (Rubber side)	Measurement condition: 7kPa, 1mm/s	
		0.2 to 0.3(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.	
Mass	4.2 [kg/m ²]			
Features				

Technical Data Sheet		NITTA BELT POLY		
P-276		Belt type	XHTA-750-4	
Applications				
Item	Description	Remarks		
Specification	Construction 	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④PA Fabric (Blue)		
Dimensions	Antistatic	Yes		
	Width	5 to 300 [mm]		
	Length	300 to 100,000 [mm]		
	Thickness	4 [mm]		
	Joint	Skived joint Adhesive Polybond A and E		
Properties	Tensile strength	225 [N/mm]	Test speed: 50mm/min	
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.	
	Standard elongation	1 [%]		
	Tension at 1 [%]	5.6 [N/mm]	Ambient condition: 23°C,50%R.H.	
	Minimum pulley dia.	70 [mm]		
	Operating temp.	-20 to +80°C		
	Coefficient of friction	0.7 to 0.8(Steel) (Rubber side) 0.2 to 0.3(Steel) (Fabric side)	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.	
	Mass	4.2 [kg/m ²]		
Features				

Technical Data Sheet		PolySprint™		
PS-083		Belt type	XHTG-15E34	
Applications		·Table supporting conveyer		
Item	Description	Remarks		
Specification	Construction			①NBR (Textured surface,Blue) ②PES fabric (White) ③TPU
Dimensions	Antistatic	Yes		
	Width	10 to 480 [mm]		
	Length	1,000 to 95,000 [mm]		
	Thickness	3.4 [mm]		
	Joint	Finger Joint (standard dimension: 10W * 120L)		
Properties	Tensile strength	230 [N/mm]		Test speed: 50mm/min
	Elongation at break	12 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	7.5 [N/mm] (after 200hours running-in)		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ50 [mm]		
	Operating temp.	-5 to +60 [°C]		
	Coefficient of friction	0.8 to 0.9 (Paper) Blue side 0.2 to 0.25(Steel) fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
Mass	4.1 [kg/m ²]			
Features				