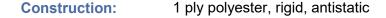
Berenkoog 25 \* 1822 BH \* Alkmaar \* The Netherlands Phone: +31 72 562 22 34 \* sales@nitta.nl \* www.nittacorporation.com

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

Nitta Japan code:



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

0,030 0.75 Total thickness approx.: mm inch 0,18 Weight approx. 0,9 kg/m<sub>2</sub> lbf/ft2 3000 Max. width: 118,11 inch mm Sliderbed (Rollers), Flat Belt support: Rating at 1% elongation: 4 N/mm lbf/inch 11 Advised pretension: 2 - 3 N/mm 17 lbf/inch Maximum allowable tension: N/mm 34 lbf/inch 6 176 °F Temperature range: -20 +80 °C to to Minimum pulley diameters: Flexing: 6 - 10mm 0,236 - 0,393inch Backflexing: 15 0.59 inch mm

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:** Blue colour makes potential product contamination visible

Light duty conveyor belt in the food industry

Dough handling in bakeries Cooling tunnels for chocolate Oil and grease resistant

Date of issue 31-07-2019-1

Berenkoog 25 \* 1822 BH \* Alkmaar \* The Netherlands Phone: +31 72 562 22 34 \* sales@nitta.nl \* www.nittacorporation.com

NITTA BELT TYPE: BELT NO.: 1 LRAFP 02/W2 IM M 0,75 2052

Nitta Japan code:

Total thickness approx.:

WU-7A

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

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

Weight approx.:	0,9 kg/m <sub>2</sub>	0,18	lbf/ft2
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:	MANSW		
Flexing:	6 - 10 mm	0,236 - 0,393	inch
Backflexing:	15 <b>mm</b>	0,59	inch
		-,	

Special approval: FDA, EU10/2011, Flame retardant: UL94HB

0.75

Flame retardent: yes Whisper bottom side: no Extra Rigid: no

Coefficient of friction to steel: 0,15

**Applications:** 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

Berenkoog 25 \* 1822 BH \* Alkmaar \* The Netherlands Phone: +31 72 562 22 34 \* sales@nitta.nl \* www.nittacorporation.com

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

Nitta Japan code:



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

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

1.4 0,055 Total thickness approx.: mm inch 0,32 Weight approx. 1,6 kg/m<sub>2</sub> lbf/ft2 3000 Max. width: 118,11 mm inch Sliderbed (Rollers), Flat **Belt support:** Rating at 1% elongation: 9 N/mm lbf/inch 4 - 6 22 Advised pretension: N/mm 34 lbf/inch Maximum allowable tension: 12 N/mm 68 lbf/inch -4 176 °F Temperature range: -20 +80 °C to to Minimum pulley diameters: Flexing: 6 - 10mm 0,236 - 0,393inch Backflexing: 20 0.78 inch mm

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: 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

Berenkoog 25 \* 1822 BH \* Alkmaar \* The Netherlands Phone: +31 72 562 22 34 \* sales@nitta.nl \* www.nittacorporation.com

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

Nitta Japan code:



**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	TE	-mm -inch
Colour:	White	White	-
Hardness:	87 Shore A	C L	, <del>-</del>
Profile:	Matt surface	1.0	-

lotal thickness approx.:	1,4	mm \	0,055	inch
Weight approx.:	1,6	kg/m <sub>2</sub>	0,32	lbf/ft2
Max. width:	3000	mm	118,11	inch
Belt support:	Sliderbed (Rollers	), Flat		
	4 4 4	_ /		
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	n°C5	-4 to 176	°F
Minimum pulley diameters:	KANS			
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:** 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



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

Material: TOP COVER INNER LAYER BOTTOM SIDE Impregnated antistatic fabric

Thickness: 0,15
Colour: Blue Blue

Colour: Blue
Hardness: 40 Shore A

Profile:

Total thickness:

Weight:

Max. width:

Belt support:

1,4

mm (approx.)

kg/m2 (approx.)

mm

Sliderbed (Rollers), Flat

Rating at 1% elongation: 9
Advised pretension: 4 - 7
Maximum allowable tension: 14
N/mm
Temperature range: -10 to +80

OC

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



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

Material: TOP COVER INNER LAYER BOTTOM SIDE Impregnated antistatic fabric

Thickness: 0,15 mm (approx.)

Colour: White White Hardness: 40 Shore A

Profile:

Total thickness:

Weight:

1,4

1,6

kg/m² (approx.)

kg/m² (approx.)

mm

Belt support:

Sliderbed (Rollers), Flat

Rating at 1% elongation:

Advised pretension:

4 - 7

Maximum allowable tension:

14

N/mm

Temperature range:

-10

to +80

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

Berenkoog 25 \* 1822 BH \* Alkmaar \* The Netherlands Phone: +31 72 562 22 34 \* sales@nitta.nl \* www.nittacorporation.com

**NITTA BELT TYPE: BELT NO.:** 2 SRAFP 02/LB2 IM 2137

Nitta Japan code:



0,059

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

1.5

**TOP COVER INNER LAYER BOTTOM SIDE** PU **Material: Impregnated** antistatic fabric Thickness approx.: 0.2 mm 0.008 inch - mm - inch Blue **Transparent** Colour: 87 Shore A Hardness: **Profile:** Glossy

mm

Total thickness approx.: Weight approx. 0,36 lbf/ft2 1,8 kg/m<sub>2</sub> Max. width: 3000 118,11 mm inch Sliderbed (Rollers), Flat **Belt support:** Rating at 1% elongation: 40 N/mm lbf/inch Advised pretension: N/mm 17 3 - 5 28 lbf/inch Maximum allowable tension: N/mm 45 lbf/inch Temperature range: 176 °F -20 +80 °C to to Minimum pulley diameters: Flexing: 6 - 10mm 0,236 - 0,393inch **Backflexing:** 20 0.78 inch mm

**Special approval:** FDA, EU10/2011, Flame retardant: UL94HB

Whisper bottom side: no Flame retardant: **Extra Rigid:** no

Coefficient of friction to steel: 0,17

**Applications:** Conveyor belt for the food industry

This belt has frayless properties

Cooling belt in bakeries Oil and grease resistant Conveyor belt in bakeries

Blue colour makes potential product contamination visible

Date of issue 16-07-2020-1

Phone: +31 72 562 22 34 \* sales@nitta.nl \* www.nittacorporation.com

NITTA BELT TYPE: BELT NO.:

Nitta Japan code:

2 SRAFP 02/LB2 IM M

Total thickness approx.:



0,059

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

1.5

**TOP COVER INNER LAYER BOTTOM SIDE** PU Material: **Impregnated** antistatic fabric Thickness approx.: 0.2 mm 0.008 inch - mm - inch Blue **Transparent** Colour: 87 Shore A Hardness: **Profile:** Matt surface

mm

2109

Weight approx. 0,36 lbf/ft2 1,8 kg/m<sub>2</sub> Max. width: 3000 118,11 mm inch Sliderbed (Rollers), Flat **Belt support:** Rating at 1% elongation: 40 N/mm lbf/inch Advised pretension: N/mm 17 3 - 5 28 lbf/inch Maximum allowable tension: N/mm 45 lbf/inch Temperature range: 176 °F -20 +80 °C to to Minimum pulley diameters: Flexing: 6 - 10mm 0,236 - 0,393inch **Backflexing:** 20 0.78 inch mm

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:** Conveyor belt for the food industry

This belt has frayless properties

Cooling belt in bakeries
Oil and grease resistant
Conveyor belt in bakeries

Blue colour makes potential product contamination visible

Date of issue 16-07-2020-2

Phone: +31 72 562 22 34 \* sales@nitta.nl \* www.nittacorporation.com

**NITTA BELT TYPE: BELT NO.:** 2 SRAFP 02/W2 IM 2129

Nitta Japan code:



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

	TOP COVER	INNER LAYER	<b>BOTTOM SIDE</b>
Material:	PU	PU	Impregnated antistatic fabric
Thickness approx.:	0,2 mm 0,008 inch	TE	-mm -inch
Colour:	White	White	-
Hardness:	87 Shore A	C L	, <del>-</del>
Profile:	Glossy	1.0	-

Total thickness approx.:	1,5	mm	0,059	inch
Weight approx.:	1,8	kg/m <sub>2</sub>	0,36	lbf/ft2
Max. width:	3000	mm	118,11	inch
Belt support:	Sliderbed (Rollers	s), Flat		
Rating at 1% elongation:	* * * *	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	cs	<b>-4 to</b> 176	°F
Minimum pulley diameters:	PANS			
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:** Conveyor belt for the food industry

This belt has frayless properties

Cooling belt in bakeries Oil and grease resistant Conveyor belt in bakeries

Date of issue 16-07-2020-1

Phone: +31 72 562 22 34 \* sales@nitta.nl \* www.nittacorporation.com

**NITTA BELT TYPE: BELT NO.:** 2 SRAFP 02/W2 IM M 2110

Nitta Japan code:



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

	TOP COVER	INNER LAYER	<b>BOTTOM SIDE</b>	
Material:	PU	PU	Impregnated antistatic fabric	
Thickness approx.:	0,2 mm 0,008 inch	TE	-mm -inch	
Colour:	White	White	-	
Hardness:	87 Shore A	C	. <del>-</del>	
Profile:	Matt surface	1.0	_	

Total thickness approx.:	1,5	mm	0,059	inch
Weight approx.:	1,8	kg/m <sub>2</sub>	0,36	lbf/ft2
Max. width:	3000	mm	118,11	inch
Belt support:	Sliderbed (Rollers	), Flat		
Rating at 1% elongation:	* * * *	Numer	40	Ile <i>fl</i> ise ele
		N/mm		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 <b>to</b> +80	cs	<b>-4 to</b> 176	°F
Minimum pulley diameters:	KANS			
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

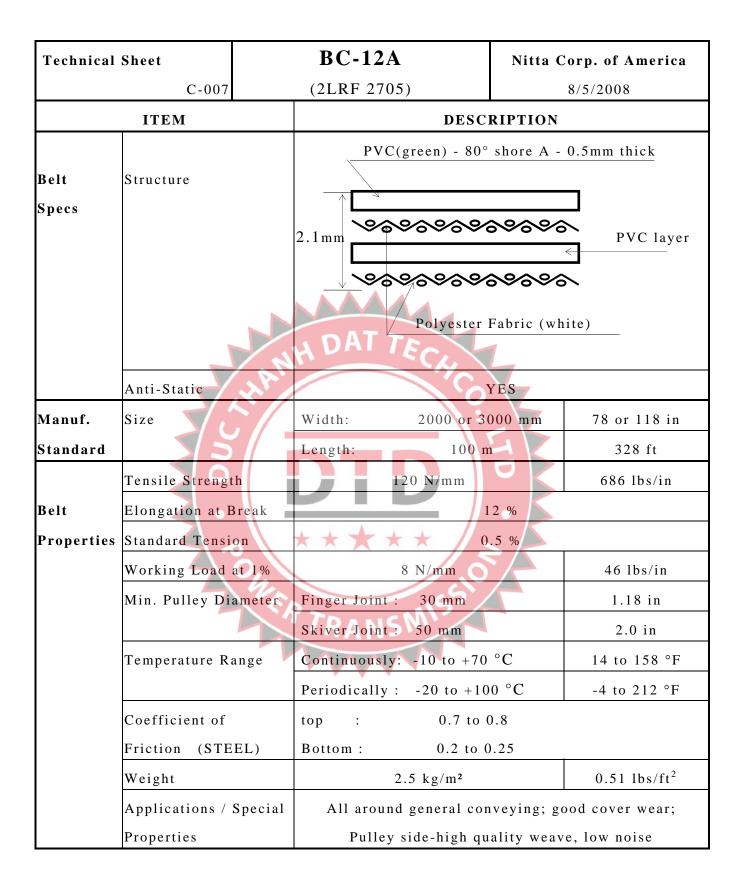
Coefficient of friction to steel: 0,17

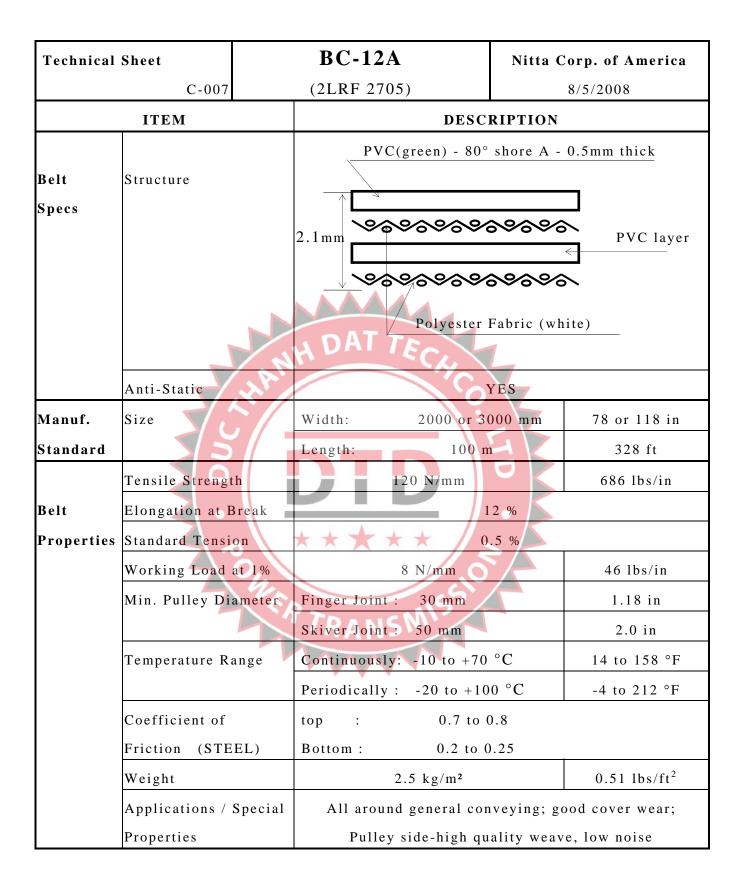
**Applications:** Conveyor belt for the food industry

This belt has frayless properties

Cooling belt in bakeries Oil and grease resistant Conveyor belt in bakeries

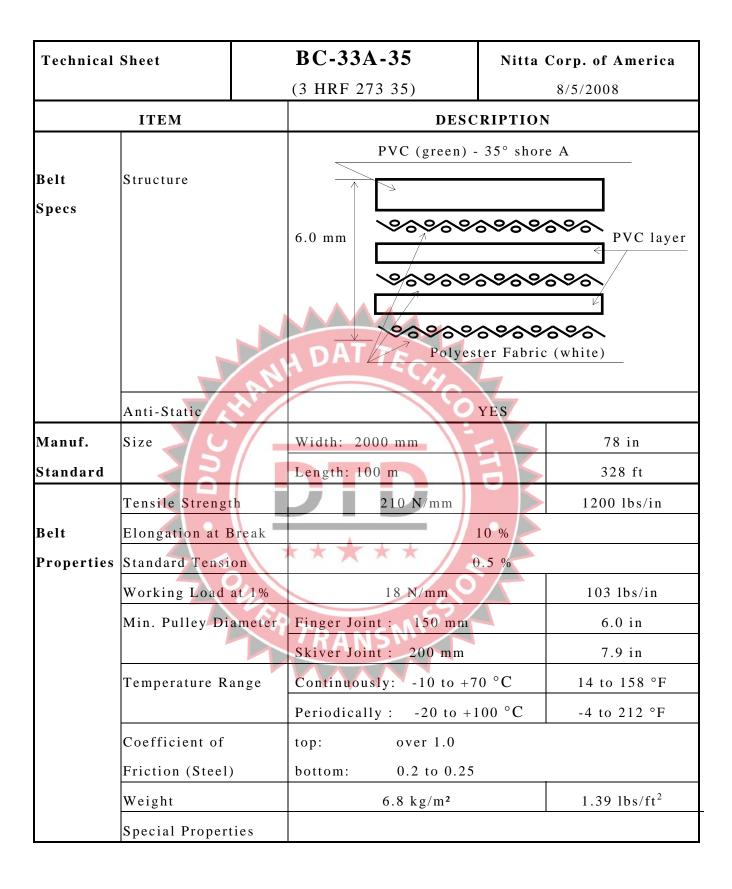
Date of issue 16-07-2020-2





#### **NLG**<sup>TM</sup> **Technical Data Sheet** type BC-20A Belt C-011 · Steel industry · Conveyor for heavyweight material **Applications** Item Description Remarks ①PVC (Mirror surface, Green) Specification 2PES Fabric (White) Construction Antistatic Yes Width 10 to 3,000 [mm] Dimensions 700 to 100,000 [mm] Length More than 2001mmW: Up to 50m Thickness 2.8 [mm] Finger Joint Joint or Skiver Joint 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 [%] Ambient condition: 23°C,50%R.H. 3 [N/mm] Properties φ50 [mm] (Finger Joint) Minimum pulley dia. φ80 [mm] (Skiver Joint) Operating temp. -5 to 70 [°C] Coefficient of 0.7 to 0.8(Steel) Polyurethane side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) Fabric side Ambient condition: 23°C,50%R.H. Mass 3.3 [kg/m2] NITTA CORPORATION **Industrial Products Div.**

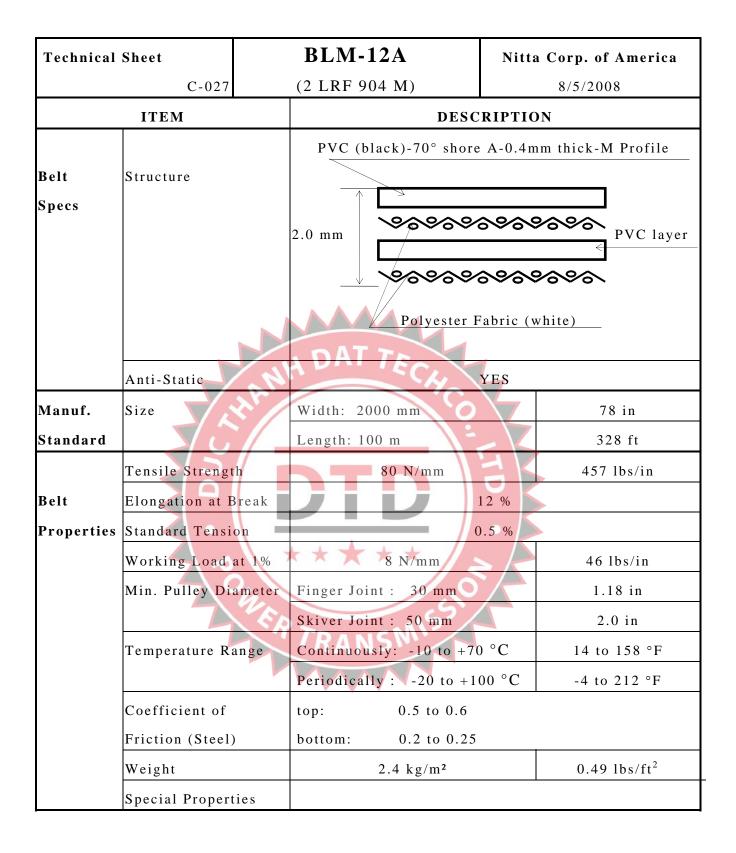
#### **NLG**<sup>TM</sup> **Technical Data Sheet** type BC-22A Belt C-012 · Steel industry · Conveyor for heavyweight material **Applications** Item Description Remarks ①PVC (Mirror surface, Green) Specification 2PES Fabric (White) Construction Antistatic Yes Width 10 to 3,000 [mm] Dimensions 700 to 100,000 [mm] Length More than 2001mmW: Up to 50m Thickness 3.8 [mm] Finger Joint Joint or Skiver Joint 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 [%] Ambient condition: 23°C,50%R.H. 3 [N/mm] Properties φ60 [mm] (Finger Joint) Minimum pulley dia. φ100 [mm] (Skiver Joint) Operating temp. -5 to 70 [°C] Coefficient of 0.7 to 0.8(Steel) Polyurethane side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) Fabric side Ambient condition: 23°C,50%R.H. Mass 4.6 [kg/m2] NITTA CORPORATION **Industrial Products Div.**



	Technical	ILG <sup>TM</sup>	Ver.2016-1
	Data Sheet		NITTA
	Data Gricot	BC-7A	MINI IV
	C-006		•
		Conveyor for lightweight material	
	Applications		
	Item	Description	Remarks
	Tion:	Description	T COMMUNIC
			①PVC
_			(Mirror surface, Green)
Specification			②PES Fabric (White)
ecific	Construction		(·····································
Spe		<b>50.00.00.00.00.00.00.00.00</b>	
		2 PI	
		8	
	Antistatic	Yes	
ဟ	Width	10 to 3,000 [mm]	
Dimensions	Length	700 to 100,000 [mm]	
	Thickness	1. <b>0 [</b> mm]	
	Joint	Finger Joint	
	Joint	or Skiver Joint	
	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 [%]	
Se	Tension at 0.3 [%]	0.6 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	φ20 [mm] (Finger Joint)	
Prog		φ30 [mm] (Skiver Joint)	
	Operating temp.	-5 to 70 [°C]	
	Coefficient of	0.7 to 0.8(Steel) Polyurethane side	Measurement condition: 7kPa, 1mm/s
	friction Mass	0.2 to 0.25(Steel) Fabric side	Ambient condition: 23°C,50%R.H.
	IVIASS	1.1 [kg/m2]	
res			
Features			
Fe			
		NITTA CORPORATION	Industrial Products Div.

Technical	Sheet		BLC-12	2 <b>D</b>	Nitta Co	orp. of America
			(2 LRAF 9	01)		8/5/2008
	ITEM			DESC	CRIPTION	
				,	PVC(bla	ick)
Belt	Structure					
Specs.			1.7 mm			<b>&gt;&gt;</b>
		, n	H DAT		ester Fabric	~~~
	Anti-Static	N.	YES			
Manuf.	Size	, //	Width: 200	0 or 3000 mr	n	78 or 118 in
Standard	5		Length: 100	m	1 = <	328 ft
	Tensile Strengt	:h		80 N/mm		457 lbs/in
Belt	Elongation at E	Break			12 %	
Properties	Standard Tensi	on	* * *	* * /	0.5 %	
	Working Load	at 1%		8 N/mm		46 lbs/in
	Min. Pulley Di	ameter	Finger Joint	: 20 mm		0.79 in
			Skiver Joint	: 40 mm		1.58 in
	Temperature R	ange	Continuously	y: -10 to +	70 °C	14 to 158 °F
			Periodically	: -20 to +	100 °C	-4 to 212 °F
	Coefficient of		top:	0.2 to 0.25		
	Friction (Steel)	)	bottom: (	0.2 to 0.25		
	Weight			$1.8 \text{ kg/m}^2$		$0.37  lbs/ft^2$
	Special Propert	ies	OI	otical Inspect	tion / Accur	nulation

#### **Technical** NLG TM **Data Sheet** Belt type BLC-18DKF2 Accumulation Belt Internal Transport, Post Offices and Distribution Centers Bowling Lanes - Pin Setters **Applications** Description Remarks Item 1 PES (Impregnated Fabric, Black) 2 PVC 3 PES 4 PVC Construction 5 PES (Impregnated Fabric) Antistatic Yes Width 2000 or 3000 [mm] Dimensions Length 100,000 [mm] Thickness 2.8 [mm] Joint Finger Joint: 20mmW x 50mmL or 10mmW x 70mmL 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% Ambient condition: 23°C,50%R.H. 3 [N/mm] 80 [mm] (Finger Joint) Minimum pulley dia. 150 [mm] (Skive Joint) Operating temp. -10 to +70 [°C] (Continuously) -20 to +100 [°C] (Periodically) Coefficient of 0.2 to 0.25 (Top) Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25 (Bottom) Ambient condition: 23°C,50%R.H. Mass 3.1 [kg/m<sup>2</sup>] Low C.O.F Good Release Industrial Products Div.



	Tankwinal		o TM	Ver.2020-6
			_G™	NUTTA
	Data Sheet	BLRB-12A		NITTA
	Applications		<ul> <li>Inclined and declined conveyor</li> <li>Conveyor for heavyweight material</li> </ul>	
	Item		Description	Remarks
Specification	Construction		3	①PVC (longitudinal groove, Black) ②Polyester Fabric (White) ③PVC Layer (Transparent) ④Polyester Fabric (White)
	Antistatic		Yes	
က္	Width		10 to 2,000 [mm]	
Dimensions	Length		up to 100,000 [mm]	
men	Thickness		2.9 [mm]	
Ö	Joint		Finger Joint or Skiver Joint	
	Tensile strength	1	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.
Properties	Minimum pulley dia.		Finger Joint: Ø40 [mm] Skiver Joint: Ø80 [mm]	
<u> </u>	Operating temp.		-10 to 70 [°C]	
	Coefficient of		Over 1.0 (Steel) PVC side	Measurement condition: 7kPa, 1mm/s
	friction		0.2 to 0.25 (Steel) Fabric side	Ambient condition: 23°C,50%R.H.
	Mass		2.8 [kg/m²]	
Feature				
	N		TA CORPORATION OF AMERIC	Ā

				Ver.2020-6
	Technical	NL	_G <sup>TM</sup>	
	Data Sheet	BLRB-16A		NITTA
			Inclined and declined conveyor	
			Conveyor for heavyweight material	
	Applications			
	Item		Description	Remarks
Specification	Construction			①PVC (longitudinal groove, Black) ②Polyester Fabric (White) ③PVC Layer (Transparent) ④Polyester Fabric (White Whisper Weave)
	Antistatic	/	Yes	
တ္	Width		10 to 2,000 [mm]	
sion	Length		up to 100,000 [mm]	
Dimensions	Thickness		3.2 [mm]	
Ö	Joint		Finger Joint or Skiver Joint	
	Tensile strength	<b>—</b>	176 [N/mm]	Test speed : 50 mm/min
	Elongation at break	$\lambda$	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.
Properties	Minimum pulley dia.		Finger Joint: Forward-flex Ø40 [mm]  Back-flex Ø80 [mm]	
ď			Skiver Joint: Ø80 [mm]	
	Operating temp.		-10 to 70 [°C]	
	Coefficient of		Over 1.0 (Steel) PVC side	Measurement condition: 7kPa, 1mm/s
	friction		0.2 to 0.25 (Steel) Fabric side	Ambient condition: 23°C,50%R.H.
	Mass		3.4 [kg/m²]	
Feature				
	N	IT	TA CORPORATION OF AMERIC	A

To the trade of the TM	Ver.2019-1
Technical NLG <sup>™</sup>	
Data Sheet	NITTA
Data Sheet BOR-16	*
N-Temp139	
- Conveyor for lightweight material	
Applications	
Item Description	Remarks
①PVC	; gitudinal groove pattern, Black)
	Fabric
Construction (Whi	ite)
Construction (White	
W Company of the comp	
2	
Antistatic Yes	
Width 10 to 2,000 [mm]	>
Vider   10 to 2,000 [mm]   Length   700 to 100,000 [mm]   Thickness   1.65 [mm]	
Thickness 1.65 [mm]	
Clipper Joint	
Joint	
Tensile strength 80 [N/mm] Test sp	peed: 50 mm/min
	nt condition: 23°C,50%R.H.
Standard elongation 0.5 [%]	,
	nt condition: 23°C,50%R.H.
φ40 [mm]	·
Minimum pulley dia.	
Operating temp5 to 70 [°C]	
	rement condition: 7kPa, 1mm/s
	nt condition: 23°C,50%R.H.
Mass 1.4 [kg/m2]	
[.5]	
S S	
Features	
<u>"</u>	
NITTA CORPORATION Indi	ustrial Products Div.

#### **NLG**<sup>TM</sup> **Technical Data Sheet** type **BU-12A** Belt U-031 · Electronic components conveyor · Conveyor for middleweight material **Applications** Item Description Remarks 1)Conductive polyurethane (Mat surface, Black) Specification 2PES Fabric (White) Construction 0/0\0/0\0/0\0/0\0/0\0/0\0/0\0 Antistatic Yes Width 10 to 1,000 [mm] Dimensions Length 700 to 100,000 [mm] Thickness 1.3 [mm] Finger Joint Joint or Skiver Joint Tensile strength 120 [N/mm] Test speed: 50 mm/min Elongation at break Ambient condition: 23°C,50%R.H. 15 [%] Standard elongation 0.5 [%] Tension at 0.5 [%] 2 [N/mm] Ambient condition: 23°C,50%R.H. Properties φ50 [mm] (Finger Joint) Minimum pulley dia. φ50 [mm] (Skiver Joint) -20 to 80 [°C] Operating temp. Coefficient of 0.3 to 0.4(Steel) Polyurethane side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) Fabric side Ambient condition: 23°C,50%R.H. Mass 1.3 [kg/m2] · Conductivity. • Volume resistivity value of conduction polyurethane : $10^4 \sim 10^5 \Omega$ • cm NITTA CORPORATION **Industrial Products Div.**

	Technical Data Sheet P-237		Belt type	NITTA BELT POLY CBG-7S	NITTA CORPORATION
Main uses					
No.		Item		Description	Remarks
	cation	Occasionation		2	NBR (Textured Pattern, Blue) PA Fabric PA Film
1	Specification	Construction	ノベノ	(3)	PA Fabric (Blue)
		Antistatic		Yes	
	(C)	Width		10 to 305 { mm }	
	Dimensions	Length		1,000 to 105,000 { mm }	
2	imen	Thickness	0	3.5 {mm}	
	۵	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%
		Recomended elonga	tion	1 {%}	
	ies	Tension at 1%		7.5 {N/mm}	Ambient condition: 23'C*50%
3	Properties	Minimum pulley dia		75 {mm}	
	Pr	Temperature range		-20 to +80 {'C}	
		Coefficient of		0.7 to 0.8(Steel) ( NBR side )	Measuring condition: 7kPa*1mm/s
		friction		0.2 to 0.25(Steel) (Fabric side)	Ambient condition: 23'C*50%
		Mass		3.5 {kg/m2}	
4	Features				

Technical	Sheet		CC-12AK	Nitta	Corp. of America	
	C-015	(	(2 LRF 704/00175)	175) 8/6/2008		
	ITEM		DESC	RIPTIO	N	
Belt Specs.			2.0 mm  PVC (white) - 75° shore A - 0.4mm thick  PVC layer  Polyester Fabric (white)			
	Anti-Static			NO		
Manuf.	Size	// _	Width: 2000 or 3000 mm 78 or 11		78 or 118 in	
Standard	5		Length: 100 m	328 ft		
	Tensile Strengt	n	80 N/mm		457 lbs/in	
Belt	Elongation at B	reak		12 %		
Properties	Standard Tension	n	****	0.5 %		
	Working Load a	t 1%	8 N/mm		46 lbs/in	
	Min. Pulley Dia	meter	Finger Joint: 30 mm		1.18 in	
		1	Skiver Joint: 50 mm		2.0 in	
	Temperature Ra	nge	Continuously: -10 to +7	0 °C	14 to 158 °F	
			Periodically: -20 to +1	00 °C	-4 to 212 °F	
	Coefficient of		top: 0.7 to 0.8			
	Friction (Steel)		bottom: 0.2 to 0.25			
	Weight		2.4 kg/m²		0.49 lbs/ft <sup>2</sup>	
	Special Propert	ies	Oil Resistant / FD	OA & USI	DA Approved	

Technical	l Sheet		CC-12D	Nitta C	orp. of America
			(2 LRF)		8/6/2008
	ITEM		DESC	CRIPTION	
				White PV	C layer
Belt	Structure				
Specs.				~~~	<b>%</b>
			1.6mm		
				ster Fabric w	rith Carbon Fiber
	Anti-Static	AL	Yes (c	arbon fiber)	
Manuf.	Size				118 in
Standard	3	// =	Length: 100 m		328 ft
	Tensile Strengt	:h	80 <b>N</b> /mm	D	457 lbs/in
Belt	Elongati <mark>on at E</mark>	Break		20 %	
Property	Standard Tensi	on	++++		
	Working Load	at 1%	8 N/mm		46 lbs/in
	Min. Pulley Di	ameter	Finger Joint: 20 mm		0.79 in
		SA	Skiver Joint: 40 mm		1.58 in
	Temperature Ra	ange	Continuously: -10 to +7	70 °C	14 to 158 °F
			Periodically: -20 to +1	00 °C	-4 to 212 °F
	Coefficient of		top: 0.2 to 0.25		
	Friction (Steel)	)	bottom: 0.2 to 0.25		
	Weight		$1.7 \text{ kg/m}^2$		0.35 lbs/ft <sup>2</sup>
	Special Propert Notes	ties,	Accumulation Normally, carbon fiber of		

Technical	Sheet		CC-12DKC		Nitta Co	orp. of America
	C-032K		(2 CF)		8	8/6/2008
	ITEM			DESCRIE	PTION	
Belt Specs.	Structure	AN	1.7 mm	Polyester C	<b>%%</b>	PVC layer
	Anti-Static	× //		NO		
Manuf.	Size	· // ·	Width: 2000 or 2700 mm 78 or 106		78 or 106 in	
Standard	<b>4</b> 6		Length: 100 m 328 ft			328 ft
	Tensile Strengt	h	80	N/mm		457 lbs/in
Belt	Elongation at E	Break		12 %	0.5 %	
Properties	Standard Tensi	on	* * * *	0.5		
	Working Load	at 1%	8	N/mm		46 lbs/in
	TRANSIT		Finger Joint :	20 mm	<b>L</b>	0.79 in
			40 mm		1.58 in	
	Temperature Ra	ange	Continuously:	-10 to +70	°C	14 to 158 °F
			Periodically:	-20 to +100	) °C	-4 to 212 °F
	Coefficient of		top: 0.2 t	o 0.25		
	Friction (Steel)	<u> </u>	bottom: 0.2 t	o 0.25		
	Weight		1.7	kg/m²		0.35 lbs/ft <sup>2</sup>
	Special Propert	ies		FDA App	roved	

Technical	Sheet		CC-16DK	Nitta Co	orp. of America	
	C-033K		(2 RF)	2	/24/2010	
	ITEM		DESC	CRIPTION		
Belt Specs.	Structure		1.7 mm PVC lay  Polyester Fabric (white)			
		AN				
	Anti-Static			NO		
Manuf.	Size	// =	Width: 2000 or 3000 m	7idth: 2000 or 3000 mm 78 or 118 in		
Standard			Length: 100 m	O >	328 ft	
	Tensile Strengt	h	110 N/mm		629 lbs/in	
Belt	Elongation at E	reak		12 %		
Properties	Standard Tensi	on		0.5 %		
	Working Load	at 1%	10 N/mm		57 lbs/in	
	Min. Pulley Di	ameter	Finger Joint : 20 mm		0.79 in	
	,		Skiver Joint: 40 mm		1.58 in	
	Temperature Ra	ange	Continuously: -10 to +7	′0 °C	14 to 158 °F	
			Periodically: -20 to +1	100 °C	-4 to 212 °F	
	Coefficient of		top: 0.2 to 0.25	-		
	Friction (Steel)	)	bottom: 0.2 to 0.25			
	Weight		1.8 kg/m²		0.37 lbs/ft <sup>2</sup>	
	Special Propert	ies	FDA	Approved		

			Ver.2018-1
	Technical	TG	
	Data Sheet C-021	CFTG-18SG	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 4	①TPU (Flat surface,Blue) ②Aramid cord  ③Soft TPU (Flat surface,Blue) ④Soft TPU (Guide,Blue)
	Antistatic	Yes	
W	Width	40, 50, 60 [mm]	14
Dimensions	Length	1,500 to 100,000 [mm]	
men	Thickness	2.4(body), 7.5(total) [mm]	
Ӓ	laint	Finger Joint	
	Joint	(standard dimension 10W*120L)	
	Tensile strength	180 [N/mm]	Test speed: 50mm/min
	Elongation at break	3 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]	
ties	Tension at 0.5%	18 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	90 [mm]	
Ā	Operating temp.	-10 to +60 °C	
	Coefficient of	0.5 to 0.6(steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	4.2(40W), 3.8(50W), 3.5(60W) [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div

#### **Technical CFTG Data Sheet** CFTG-27F Belt C-002 **Applications** Item Description Remarks ①NBR (Textured Structure, Blue) 2Polyamide Fabric (1) Specification 3 Aramid Cord Construction (3) 4 Polyurethane (5) **5**NBR ( Textured Structure, Blue) Antistatic Yes Width 25, 30, 35, 40 [mm] Dimensions 1,500 to 200,000 [mm] Length Thickness 2.4 [mm] Finger Joint Joint 10×200 Tensile strength 300 [N/mm] Test speed: 50mm/min Elongation at break Ambient condition: 23°C,50%R.H. 3.5 [%] Standard elongation 0.5 [%] 27 [N/mm] (after 200hours running-in) Tension at 0.5% Ambient condition: 23°C,50%R.H. Minimum pulley dia. 70 [mm] -10 to +60 °C Operating temp. Coefficient of 0.5 to 0.6(steel) (Both side) Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H. friction Mass 2.8 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

#### **Technical CFTG Data Sheet** CFTG-40F Belt C-003 Tangential Drive Belt for Textile Industries **Applications** Item Description Remarks ①NBR (Textured Structure, Blue) 2Polyamide Fabric (1) Specification 3 Aramid Cord Construction (3) 4 Polyurethane **5**NBR ( Textured Structure, Blue) Antistatic Yes Width 30, 35, 38, 40, 50 [mm] Dimensions 1,500 to 200,000 [mm] Length Thickness 3.0 [mm] Finger Joint Joint 10×200 Tensile strength 500 [N/mm] Test speed: 50mm/min Elongation at break Ambient condition: 23°C,50%R.H. 3.5 [%] Standard elongation 0.5 [%] 40 [N/mm] (after 200hours running-in) Tension at 0.5% Ambient condition: 23°C,50%R.H. Minimum pulley dia. 100 [mm] -10 to +60 °C Operating temp. Coefficient of 0.5 to 0.6(steel) (Both side) Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H. friction Mass 3.6 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

#### **Technical CFTG Data Sheet** CFTG-40FS-5.0 2016.12.26 Live Roller Conveyor Application Narrow Belt Strip Sorter **Applications** Remarks Description Item NBR (Textured Structure, Blue) 2 Polyamide Fabric 3 Aramid Cord Specification 4 Polyurethane Construction ( Textured Structure, Blue) Antistatic Yes Width 30, 45 [mm] Dimensions Length 1,000 to 160,000 [mm] Thickness 5 **[m**m] Finger Joint Joint (standard dimension, 10mmW x 200mmL) 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 0.5 to 0.6(steel) Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H. friction 0.5 to 0.6(steel) Mass 5.7 [kg/m<sup>2</sup>] Industrial Products Div.

Construction  Antistatic  Yes  Width  Length  Thickness  6 [mm]  Toint  (standard dimension, 10mmW x 200mmL)  Test speed: 50mm/min  Elongation at break  Standard elongation  Tension at 0.5%  Ambient condition: 23°C,50%R.H.  Minimum pulley dia.  Operating temp.  Coefficient of  O.5 to 0.6(steel)  Measurement condition: 7kPa, 1mm				2016.10.31
Applications    NBR (Textured Structure, Blue)			FTG	
Applications    Item			CFTG-40FS-6.0	NITTA
Item   Description   Remarks			Live Roller Conveyoer Application	
Construction  Antistatic  Width  Length  Thickness  Joint  Tessile strength  Elongation at break  Standard elongation  Tension at 0.5%  Minimum pulley dia.  Operating temp.  Coefficient of friction  Tirction  Operating temp.  Coefficient of friction  Mass  Rass  R		Applications		
Construction  Antistatic Width Length Thickness 6 [mm] Joint Elongation at break Standard elongation Tension at 0.5% 40 [Nmm] Tension at 0.5% 40 [Nmm] Ambient condition: 23°C,50%R.H.  Winimum pulley dia.  Operating temp. Coefficient of friction Mass 6.8 [kg/m2]  NITTA CORPORATION Industrial Products D		Item	Description	Remarks
Width	Specification	Construction	3	<ul><li>③Aramid Cord</li><li>④Polyurethane</li></ul>
Length		Antistatic	Yes	
Tensile strength Elongation at break Standard elongation Tension at 0.5% 40 [N/mm] (after 200hours running-in) Ambient condition: 23°C,50%R.H.  Minimum pulley dia.  Operating temp. Coefficient of friction Mass  NITTA CORPORATION Industrial Products D	Ø	Width	45 [mm]	
Tensile strength Elongation at break Standard elongation Tension at 0.5% 40 [N/mm] (after 200hours running-in) Ambient condition: 23°C,50%R.H.  Minimum pulley dia.  Operating temp. Coefficient of friction Mass  NITTA CORPORATION Industrial Products D	ension	Length	1,000 to 160,000 [mm]	6
Test speed: 50mm/min	Δiğ	Thickness	6 <b>[m</b> m]	
Elongation at break Standard elongation 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. Coefficient of friction 0.5 to 0.6(steel) Mass 6.8 [kg/m2]  NITTA CORPORATION Industrial Products D		Joint		
Standard elongation 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.  Coefficient of friction  0.5 to 0.6(steel)  Measurement condition: 7kPa, 1m Ambient condition: 23°C,50%R.H.  Mass  6.8 [kg/m2]  NITTA CORPORATION  Industrial Products D		Tensile strength	500 [N/mm]	Test speed: 50mm/min
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 temp10 to +60 °C  Coefficient of 0.5 to 0.6(steel) Measurement condition: 23°C,50%R.H.  Mass 6.8 [kg/m2]  NITTA CORPORATION Industrial Products D		Elongation at break	3.5 [%]	Ambient condition: 23°C,50%R.H.
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 temp10 to +60 °C  Coefficient of 0.5 to 0.6(steel) Measurement condition: 23°C,50%R.H.  Mass 6.8 [kg/m2]  NITTA CORPORATION Industrial Products D		Standard elongation	0.5 [%]	
Minimum pulley dia.    Doperating temp.		Tension at 0.5%		Ambient condition: 23°C,50%R.H.
Operating temp.  Coefficient of 0.5 to 0.6(steel) Measurement condition: 7kPa, 1mi friction 0.5 to 0.6(steel) Ambient condition: 23°C,50%R.H.  Mass 6.8 [kg/m2]	roperties	Minimum pulley dia.	MAIN	
friction 0.5 to 0.6(steel) Ambient condition: 23°C,50%R.H.  Mass 6.8 [kg/m2]  NITTA CORPORATION Industrial Products D	<u>Ф</u>	Operating temp.	-10 to +60 °C	
Mass 6.8 [kg/m2]  NITTA CORPORATION Industrial Products D		Coefficient of	0.5 to 0.6(steel)	Measurement condition: 7kPa, 1mm/s
Mass 6.8 [kg/m2]  NITTA CORPORATION Industrial Products D		friction		Ambient condition: 23°C,50%R.H.
NITTA CORPORATION Industrial Products D		Mass		
NITTA CORPORATION Industrial Products D The contents of this TDS may be changed without notice	Features			
The contents of this TDS may be changed without notice			NITTA CODDOBATION	Industrial Draducta Div
	The	contents of this TDS may be of	NITA CORPORATION  aged without notice.	industrial Products Div.

#### **Technical CFTG Data Sheet** CFTG-60F-3.9 Belt C-014 Tangential Drive Belt for Textile Industries **Applications** Item Description Remarks ①NBR (Textured Structure, Blue) ②Polyamide Fabric (1) Specification 3 Aramid Cord Construction (3) 4 Polyurethane (5) **5**NBR (Textured Structure,Blue) Antistatic Yes Width 35, 38, 45 [mm] Dimensions 1,500 to 200,000 [mm] Length Thickness 3.9 [mm] Finger Joint Joint 10×200 Tensile strength 700 [N/mm] Test speed: 50mm/min Elongation at break Ambient condition: 23°C,50%R.H. 3.5 [%] Standard elongation 0.5 [%] 60 [N/mm] (after 200hours running-in) Tension at 0.5% Ambient condition: 23°C,50%R.H. Minimum pulley dia. 150 [mm] -10 to +60 °C Operating temp. Coefficient of 0.5 to 0.6(steel) (Both side) Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H. friction Mass 4.3 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

Applications    Item	Ver.2018-1		ochnical	
Soft TPU(Flat surface, Elue)	NITTA		ata Sheet	
Antistatic  Width  Length  Thickness  Joint  Tensile strength  Elongation at break  Standard elongation  Tension at 0.5%  Minimum pulley dia.  Operating temp.  Coefficient of  friction  Mass  4.5 [kg/m2]  OTPU(Flat surface, Blue)  2:Aramid cord  3:Soft TPU(Flat surface, Blue)  3:Soft TPU(Flat surface, Blue)  3:Soft TPU(Guide, Blue)  3:Soft TPU(Guide, Blue)  4:Soft TPU(Guide, Blue)  1.500 to 100,000 [mm]  Finger Joint  (standard dimension 10W*120L)  Test speed: 50mm/min  Ambient condition: 23°C,509  Measurement condition: 7xPa  Ambient condition: 7xPa  Ambient condition: 7xPa  Ambient condition: 7xPa  Ambient condition: 23°C,509  Mass			Applications	
Construction  2 Aramid cord 3 Soft TPU(Flat surface, E 4 Soft TPU(Guide, Blue)  Antistatic  No  Width  1,500 to 100,000 [mm]  Thickness  2,4(body), 7,5(total) [mm]  Finger Joint  (standard dimension 10W*120L)  Tensile strength  Foo [N/mm]  Tensile strength  Foo [N/mm]  Tension at 0.5%  Standard elongation  Tension at 0.5%  Standard elongation  Tension at 0.5%  So [N/mm] (after 200hours running-in)  Ambient condition: 23°C,50%  Minimum pulley dia.  Operating temp.  Coefficient of  friction  Mass  4.5 [kg/m2]	Remarks	Description	Item	
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)  Tensile strength 700 [N/mm] Test speed: 50mm/min Elongation at break 3.5 [%] Ambient condition: 23°C,50% Standard elongation 0.5 [%]  Tension at 0.5% 60 [N/mm] (after 200 hours running-in) Ambient condition: 23°C,50% Minimum pulley dia. 90 [mm] Operating temp10 to +60 °C Coefficient of 0.5 to 0.6(steel) (Both side) Measurement condition: 23°C,50% Mass 4.5 [kg/m2]	③Soft TPU(Flat surface,Blue)	2	truction	Specification
Length Thickness  2.4(body), 7.5(total) [mm]  Finger Joint (standard dimension 10W*120L)  Tensile strength Floragation at break Standard elongation Tension at 0.5% 60 [N/mm] (after 200hours running-in) Minimum pulley dia.  Operating temp. Coefficient of friction Mass  4.5 [kg/m2]  Description  1,500 to 100,000 [mm]  Finger Joint (standard dimension 10W*120L)  Test speed: 50mm/min Test speed: 50mm/min (after 200hours running-in) Ambient condition: 23°C,50%  Measurement condition: 7kPa Ambient condition: 23°C,50%		No	atic	
Joint  Finger Joint (standard dimension 10W*120L)  Tensile strength  Tensile strength  Finger Joint (standard dimension 10W*120L)  Tensile strength  Tensile strength  Test speed: 50mm/min  Ambient condition: 23°C,50%  Standard elongation  O.5 [%]  Tension at 0.5%  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  4.5 [kg/m2]	4	30 [mm]		S
Joint  Finger Joint (standard dimension 10W*120L)  Tensile strength  Tensile strength  Finger Joint (standard dimension 10W*120L)  Tensile strength  Tensile strength  Test speed: 50mm/min  Ambient condition: 23°C,50%  Standard elongation  O.5 [%]  Tension at 0.5%  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  4.5 [kg/m2]		1,500 to 100,000 [mm]	th	sion
Joint  Finger Joint (standard dimension 10W*120L)  Tensile strength  Tensile strength  Finger Joint (standard dimension 10W*120L)  Tensile strength  Tensile strength  Test speed: 50mm/min  Ambient condition: 23°C,50%  Standard elongation  O.5 [%]  Tension at 0.5%  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  4.5 [kg/m2]		2.4(body), 7.5(total) [mm]	ness	imer
Elongation at break  Standard elongation  Tension at 0.5%  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  4.5 [kg/m2]  Ambient condition: 23°C,50%  Ambient condition: 7kPa  Ambient condition: 23°C,50%				Q
Standard elongation  Tension at 0.5%  60 [N/mm] (after 200hours running-in)  Ambient condition: 23°C,50%  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  4.5 [kg/m2]	Test speed: 50mm/min	700 [N/mm]	le strength	
Tension at 0.5%  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  Mass  60 [N/mm] (after 200hours running-in)  Ambient condition: 23°C,50%  Ambient condition: 7kPa  Ambient condition: 7kPa  Ambient condition: 7kPa  Ambient condition: 23°C,50%	Ambient condition: 23°C,50%R.H.	3.5 [%]		
Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  Minimum pulley dia.  90 [mm]  -10 to +60 °C  0.5 to 0.6(steel) (Both side)  Ambient condition: 23°C,50%  4.5 [kg/m2]		0.5 [%]	dard elongation	
Coefficient of 0.5 to 0.6(steel) (Both side) Measurement condition: 7kPa Ambient condition: 23°C,50% Mass 4.5 [kg/m2]	Ambient condition: 23°C,50%R.H.	60 [N/mm] (after 200hours running-in)	on at 0.5%	ties
Coefficient of 0.5 to 0.6(steel) (Both side) Measurement condition: 7kPa Ambient condition: 23°C,50% Mass 4.5 [kg/m2]		90 [mm]	num pulley dia.	oper
friction  Mass  4.5 [kg/m2]		-10 to +60 °C		Pr
Mass 4.5 [kg/m2]	Measurement condition: 7kPa, 1mm/s	0.5 to 0.6(steel) (Both side)		
	Ambient condition: 23°C,50%R.H.			
Features		4.5 [kg/m2]		
				Features

#### PolySprint TM **Technical Data Sheet DB-2E12F** Belt 1 PS-034 Postal Transport **Applications** Item Description Remarks ①TPU (Taffeta surface, Blue) ②PES fabric Specification 3 Conductive TPU Construction (Smooth surface, Black) Antistatic Yes Width 10 to 340 [mm] Dimensions 400 to 100,000 [mm] Length Thickness 1.**2 [**mm] Finger Joint Joint (standard dimension: 10W \* 30L) Tensile strength 75 [N/mm] Test speed: 50mm/min Elongation at break 25 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 2 [N/mm] (after 200hours running-in) Tension at 1 [%] Ambient condition: 23°C,50%R.H. Minimum pulley dia. φ25 [mm] -20 to +60 [°C] Operating temp. Coefficient of 0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Blue side Measurement condition: 7kPa, 1mm/s friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H. Mass 1.5 [kg/m2] NITTA CORPORATION **Industrial Products Div.**

	Technical	Pol	lySprint <sup>TM</sup>	Ver.2016-1
	Data Sheet PS-012	elt type	DB-4E14	NITTA
	Applications		Transport     Postal	
	Item		Description	Remarks
Specification	Construction			①TPU (Taffeta surface,Blue) ②PES fabric
	Antistatic		Yes	
SL	Width		10 to 340 [mm]	
Dimensions	Length	C	4 <mark>00</mark> to 100,000 [mm]	
Jime	Thickness		1.4 [mm]	
	Joint		Finger Joint (standard dimension: 10W * 30L)	
	Tensile strength		45 [N/mm]	Test speed: 50mm/min
	Elongation at break		13 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation		1[%]	
ies	Tension at 1 [%]		4 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.		φ25 [mm]	
Pre	Operating temp.		-20 to +60 [°C]	
	Coefficient of		0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Both side	Measurement condition: 7kPa, 1mm/s
	friction			Ambient condition: 23°C,50%R.H.
	Mass		1.6 [kg/m2]	
Features				
			NITTA CORPORATION	Industrial Products Div.
The c	contents of this TDS may be cl	hang	ed without notice.	

## **NLG**<sup>TM</sup> **Technical Data Sheet** DGGP-16A Belt C-024 · Inclined and declined conveyor · Conveyor for middleweight material **Applications** Item Description Remarks ①PVC (GP pattern, Green) Specification 2PES Fabric 3Low-noised PES Fabric Construction (White) Antistatic Yes Width 10 to 3,000 [mm] Dimensions 700 to 100,000 [mm] Length Thickness 2.8 [mm] Finger Joint Joint or Skiver Joint 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 [%] Ambient condition: 23°C,50%R.H. 2 [N/mm] φ50 [mm] (Finger Joint) Minimum pulley dia. φ80 [mm] (Skiver Joint) Operating temp. -5 to 70 [°C] Coefficient of Over 1.0(Steel) Polyurethane side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) Fabric side Ambient condition: 23°C,50%R.H. 3.0 [kg/m2] · High friction. · Low-noise. **Industrial Products Div.** NITTA CORPORATION

	Technical I	IITTA BELT POLY	Ver.2018-01
	Data Sheet P-280		NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1) 2) 3) 4	①Synthetic Leather (Gray) ②PA Film ③PA Fabric ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
SU	Width	10 to 300 [mm]	
Dimensions	Length	1,000 to 100,000 [mm]	
Jime	Thickness	3.0 [mm]	
	Joint	Skived joint  Adhesive Polybond A, E and NLG Bond	
	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.
Properties	Minimum pulley dia.	50 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.2 to 0.25(Steel) (Gray side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Blue side)	Ambient condition: 23°C,50%R.H.
	Mass	2.0 [kg/m2]	
Features	Soft and High Abrasion Resi	stance	
		NITTA CORPORATION	Industrial Products Div.

	Technical	olySprint <sup>TM</sup>	Ver.2018-1
	Data Sheet PS-089	FZ-5E12	NITTA
	Applications	Bookbinding machine     Printing machine	
	Item	Description	Remarks
Specification	Construction	1 2 3 2 700000000000000000000000000000000	①NBR coating fabric (NBR coating,Green) ②TPE ③PES fabric ④Special PA fabric ⑤NBR (Textured surface,Blue)
	Antistatic	Yes	
SU	Width	10~500 [mm]	
Dimensions	Length	400~1 <mark>00</mark> ,000 [mm]	
Jime	Thickness	1.25 [mm]	
	Joint	Finger Joint (standard dimension: 10W * 30L)	
	Tensile strength	90 [N/mm]	Test speed: 50mm/min
	Elongation at break	13 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]	
ies	Tension at 1 [%]	5 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	φ35 [mm]	
Pro	Operating temp.	-20 to +60 [°C]	
	Coefficient of	0.6 to 0.7(Paper) Green side	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) Blue side	Ambient condition: 23°C,50%R.H.
	Mass	1.2 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div.
The c	ontents of this TDS may be ch	nged without notice.	

	Technical NL		.G <sup>™</sup>	Ver.2016-1
	Data Sheet G-002	Belt type	GH-20Z	NITTA
	Applications		<ul><li>Steel industry</li><li>Sanitary</li><li>Conveyor for heavyweight material</li></ul>	
	Item		Description	Remarks
Specification	Construction		2	①Nitrile rubber (Textured surface, Blue) ②PES Fabric (White)
	Antistatic	/	Yes	
Si	Width		10 to 960 [mm]	
Dimensions	Length		700 to 100,000 [mm]	
mer	Thickness		2.1 [mm]	
	Joint	r	Skiver Joint	
	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.
Properties	Minimum pulley dia.		φ40 [mm]	
4	Operating temp.		-20 to 60 [°C]	Periodically case: -30 to 80°C
	Coefficient of		0.7 to 0.8(Steel) Rubber side	Measurement condition: 7kPa, 1mm/s
	friction		0.2 to 0.25(Steel) Fabric side	Ambient condition: 23°C,50%R.H.
	Mass		2.4 [kg/m2]	
Features				
			NITTA CORPORATION	Industrial Products Div.
_	contents of this TDS may be c			maastriari roddots Div.

## $NLG^{TM}$ **Technical Data Sheet** type **GH-30Z** Belt G-003 · Steel industry · Conveyor for heavyweight material **Applications** Item Description Remarks 1 Nitrile rubber (Textured surface, Blue) Specification 2PES Fabric (White) Construction Antistatic Yes Width 10 to 960 [mm] Dimensions 700 to 65,000 [mm] Length Thickness 3.0 [mm] Skiver Joint Joint 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 [%] Ambient condition: 23°C,50%R.H. 7.5 [N/mm] Properties φ100 [mm] Minimum pulley dia. Operating temp. -20 to 60 [°C] Periodically case: -30 to 80°C Coefficient of Measurement condition: 7kPa, 1mm/s 0.7 to 0.8(Steel) Rubber side friction 0.2 to 0.25(Steel) Fabric side Ambient condition: 23°C,50%R.H. Mass 3.5 [kg/m2] **Industrial Products Div.** NITTA CORPORATION

#### PolySprint TM **Technical Data Sheet** GLTE-4E18 Belt t PS-018 · Printing machine **Applications** Item Description Remarks **1)NBR** (Textured surface, Blue) ②PA fabric Specification ③TPU Construction 4PES fabric **5**Special PA fabric (White) Antistatic Yes Width 10 to 300 [mm] Dimensions Length 400 to 100,000 [mm] Thickness 1.8 [mm] Finger Joint Joint (standard dimension: 10W \* 30L) 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] -20 to +60 [°C] Operating temp. Coefficient of 0.8 to 0.9 (Paper) /0.5 to 0.6(Steel) NBR side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.3 (Paper) /0.1 to 0.2(Steel) fabric side Ambient condition: 23°C,50%R.H. Mass 1.8 [kg/m2] NITTA CORPORATION **Industrial Products Div.**

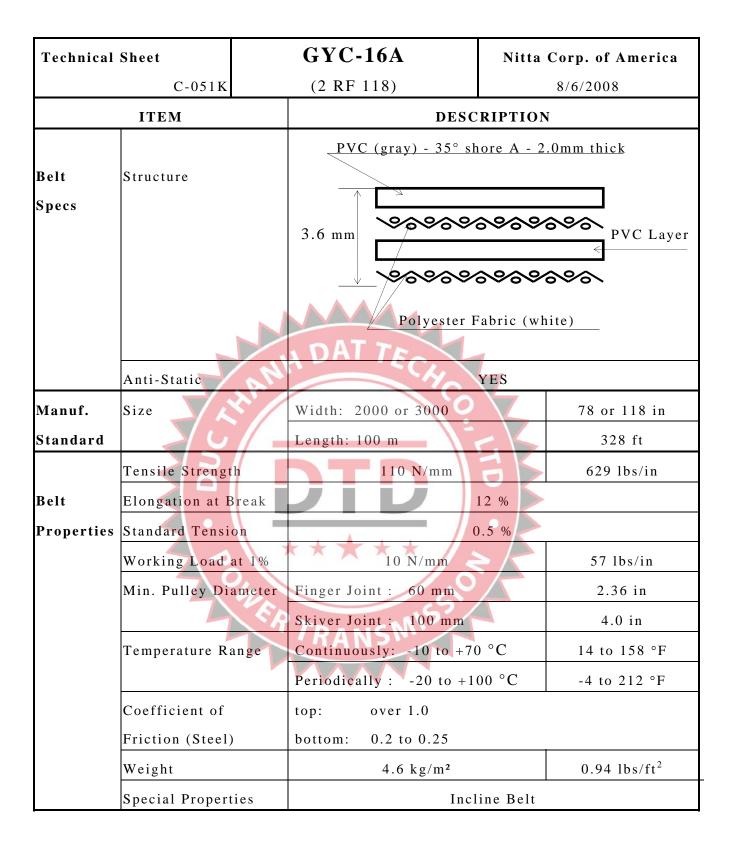
					Ver.2004-01
<del>Q</del>			type	NITTA BELT POLY	NITTA CORPORATION
Dat	Data Sheet			GMTA-500	¥
		P-232	_		NITTA
Main uses					
No.		Item		Description	Remarks
1	Specification	Construction		(1) (2) (3) (4)	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④PA Fabric (Blue)
		Antistatic		Yes	
		Width		6 to 305 {mm}	
	ns	Length		300 to 105,000 {mm}	
2	Dimensions	Thickness	6	1.9 {mm}	
	Dime	Joint	C	Skived joint  Adhesive Polybond A and E	
		Tensile strength		/ R △ 150 {N/mm}	Test speed: 50mm/min
		Elongation at break		20 {%}	Ambient condition: 23'C*50%
		Recomended elongati	ion	1 {%}	
	es	Tension at 1%		3.8 {N/mm}	Ambient condition: 23'C*50%
3	Properties	Minimum pulley dia.		40 {mm}	
	Prc	Temperature range		-20 to +80°C {'C}	
		Coefficient of		0.5 to 0.6(Steel) (NBR side)	Measuring condition: 7kPa*1mm/s
		friction		0.2 to 0.25(Steel) (Fabric side)	Ambient condition: 23'C*50%
		Mass		2.0 {kg/m2}	
4	Features				

## **NLG**<sup>TM</sup> **Technical Data Sheet** type GSTW-20 Belt G-005 Postal · Inclined and declined conveyor **Applications** · Conveyor for heavyweight material Item Description Remarks ①EPDM (Mini rough top, Green) 2PES Fabric Specification (White) Construction Antistatic Yes Width 10 to 960 [mm] Dimensions 700 to 50,000 [mm] Length Thickness 2.0 [mm] Skiver Joint Joint 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 [%] Ambient condition: 23°C,50%R.H. 3 [N/mm] Properties φ50 [mm] Minimum pulley dia. Operating temp. -10 to 60 [°C] Coefficient of Measurement condition: 7kPa, 1mm/s Over 1.0(Steel) Rubber side friction 0.2 to 0.25(Steel) Fabric side Ambient condition: 23°C,50%R.H. Mass 2.0 [kg/m2] NITTA CORPORATION **Industrial Products Div.**

	Technical	Po	lySprint <sup>TM</sup>	Ver.2016-1
	Data Sheet PS-05	elt type	GTD	NITTA
	Applications		Postal     Bookbinding machine	
	Item		Description	Remarks
Specification	Construction			①NBR (Fine Textured surface,Dark Blue) ②TPU ③Conductive TPU (Fine Textured surface,Black)
	Antistatic		Yes	
ns	Width		10 to 450 [mm]	
Dimensions	Length		400 to 100,000 [mm]	
Jime	Thickness		1.45 [mm]	
	Joint	\ °	Finger Joint (standard dimension: 10W * 30L)	
	Tensile strength		35 [N/mm]	Test speed: 50mm/min
	Elongation at break		400 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation		5 [%]	
ies	Tension at 5 [%]		1.1 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.		φ25 [mm]	
Pro	Operating temp.		0 to +60 [°C]	
	Coefficient of		0.8 to 0.9 (Paper) Dark Blue side	Measurement condition: 7kPa, 1mm/s
	friction		0.3 to 0.4(Steel) Black side	Ambient condition: 23°C,50%R.H.
	Mass		1.7 [kg/m2]	
Features				
			NITTA CORPORATION	Industrial Products Div.
The c	ontents of this TDS may be	chanç	ed without notice.	

#### **NLG**<sup>TM</sup> **Technical Data Sheet** type **GUF-12AK** Belt U-025 · Food Conveyor · Conveyor for middleweight material **Applications** Item Description Remarks ①PTFE sheet (Flat, gray) Specification 2Polyurethane 3PES Fabric Construction (White) Antistatic No Width 10 to 1,000 [mm] Dimensions Length 700 to 100,000 [mm] Thickness 1.3 [mm] Finger Joint Joint or Skiver Joint 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 [%] Ambient condition: 23°C,50%R.H. 2 [N/mm] Properties φ50 [mm] (Finger Joint) Minimum pulley dia. φ70 [mm] (Skiver Joint) Operating temp. -20 to 80 [°C] Coefficient of 0.1 to 0.15(Steel) PTFE sheet side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) Fabric side Ambient condition: 23°C,50%R.H. Mass 1.3 [kg/m2] · Releasable. · We can't recommend for accumulation conveyor. Industrial Products Div. NITTA CORPORATION

#### **NLG**<sup>TM</sup> **Technical Data Sheet** type GUH-12A Belt U-028 · Accumulation conveyor · Conveyor for middleweight material **Applications** Item Description Remarks 1) High-hardness polyurethane (Mat surface, Green) 2PES Fabric Specification (White) Construction 0/0\0/0\0/0\0/0\0/0\0/0\0/0\0 Antistatic Yes Width 10 to 1,500 [mm] Dimensions Length 700 to 100,000 [mm] Thickness 1.3 [mm] Finger Joint Joint or Skiver Joint 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 [%] Ambient condition: 23°C,50%R.H. 2 [N/mm] Properties φ30 [mm] (Finger Joint) Minimum pulley dia. φ50 [mm] (Skiver Joint) Operating temp. -20 to 80 [°C] Coefficient of 0.3 to 0.4(Steel) Polyurethane side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) Fabric side Ambient condition: 23°C,50%R.H. Mass 1.3 [kg/m2] · Slippery surface. · Abrasion resistance. **Industrial Products Div.** NITTA CORPORATION



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Fax: (770) 623-1398

## $NLG^{TM}$ **Technical Data Sheet** type GYLD-12AK Belt C-026 · Inclined and declined conveyor · Conveyor for middleweight material **Applications** Item Description Remarks ①PVC (LD pattern, Gray) Specification 2PES Fabric (White) Construction Antistatic No Width 10 to 2,000 [mm] Dimensions 700 to 100,000 [mm] Length Thickness 2.2 [mm] Finger Joint Joint or Skiver Joint 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 [%] Ambient condition: 23°C,50%R.H. 2 [N/mm] Properties φ30 [mm] (Finger Joint) Minimum pulley dia. φ50 [mm] (Skiver Joint) Operating temp. -5 to 70 [°C] Coefficient of Over 1.0(Steel) Polyurethane side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) Fabric side Ambient condition: 23°C,50%R.H. 2.5 [kg/m2] · High friction. NITTA CORPORATION **Industrial Products Div.**

	Tookuisel	ITTA DEL T DOLV	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet	HA-1000	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 VALUE OF THE PROPERTY OF	①NBR (Textured pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured pattern, Blue)
	Antistatic	Yes	
SI	Width	6 to 325 [mm]	
sion	Length	500 to 105,000 [mm]	
Dimensions	Thickness	4.0 [mm]	
Ō	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.
Properties	Minimum pulley dia.	RANS 100 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	4.4 [kg/m2]	
Features			
			Industrial Products Div.

	Technical N	ITTA DELT DOLV	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet	HA-1500	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (4) (4) (4) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	①NBR (Textured pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured pattern, Blue)
	Antistatic	Yes	
St	Width	20 to 325 [mm]	
ısior	Length	800 to 105,000 [mm]	
Dimensions	Thickness	4.5 [mm]	
Δ	Joint	Skived joint  Adhesive Polybond A and E	•
	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.
Properties	Minimum pulley dia.	150 [mm]	
1	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	5.0 [kg/m2]	
Features			
			Industrial Products Div.

NITTA
Remarks
ed pattern, Blue) abric ilm ed pattern, Blue)
7
eed: 50mm/min
condition: 23°C,50%R.H.
condition: 23°C,50%R.H.
ement condition: 7kPa, 1mm/s
condition: 23°C,50%R.H.

	Technical N	ITTA BELT POLY	
	Data Sheet	HA-500	NITTA
	Applications		
	ltem	Description	Remarks
Specification	Construction	1) 2) 3) 50000000000000000000000000000000000	①NBR (Textured pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured pattern, Blue)
	Antistatic	Yes	
દા	Width	6 to 325 [mm]	
Dimensions	Length	500 to 105,000 [mm]	
imer	Thickness	3.5 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	50 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	3.8 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products D

	Technical	TTA RELT DOLY	Ver.2018-0
		TTA BELT POLY	
	Data Sheet P-175	HA-750	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
દ	Width	6 to 325 [mm]	
Dimensions	Length	500 to 105,000 [mm]	
imer	Thickness	3.75 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A and E	
	Tensile strength	225 [ <b>N/</b> 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.
Properties	Minimum pulley dia.	75 [mm]	
ш.	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	4.1 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Di

Transport		Technical	olySprint <sup>TM</sup>	Ver.2016-1
Bookbinding machine		Data Sheet		NITTA
Construction  Antistatic  Yes  Width  Length  Thickness  Joint  Tensile strength  Elongation at break  Standard elongation  Tension at 5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of firtion  Mass  NITTA CORPORATION  Ondustrial Products Divisor Industrial Products Divisors Divis		Applications		
Maintenance   Construction   Const		ltem	Description	Remarks
Width	Specification	Construction		(Mat surface,Green) ②TPU (Blue) ③Conductive TPU
Length		Antistatic	Yes	
Joint    Section   Finger Joint (standard dimension: 10W * 30L)	SU	Width	10 to 330 [mm]	
Joint    Section   Finger Joint (standard dimension: 10W * 30L)	nsio	Length		
Joint    Section   Finger Joint (standard dimension: 10W * 30L)	Jime	Thickness	0. <b>9 [</b> mm]	
Elongation at break 500 [%] Standard elongation 5 [%] Tension at 5 [%] Minimum pulley dia. Operating temp. Coefficient of 0.3 to 0.4 (Paper) /0.2 to 0.3(Steel) Green side friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H.  Mass 0.9 [kg/m2]  NITTA CORPORATION Industrial Products Display to the condition of		Joint		
Standard elongation  Tension at 5 [%]  Tension at 5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of		Tensile strength	25 [N/mm]	Test speed: 50mm/min
Tension at 5 [%]  O.5 [N/mm] (after 200hours running-in)  Ambient condition: 23°C,50%R.H.  Minimum pulley dia.  Operating temp.  Coefficient of friction 0.3 to 0.4 (Paper) /0.2 to 0.3(Steel) Green side friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H.  Mass 0.9 [kg/m2]  NITTA CORPORATION Industrial Products Displayed as a condition of the		Elongation at break	500 [%]	Ambient condition: 23°C,50%R.H.
Minimum pulley dia.  Operating temp.  Coefficient of friction Mass  O.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Mass  O.9 [kg/m2]  NITTA CORPORATION  Industrial Products Di		Standard elongation	5 [%]	
Coefficient of 0.3 to 0.4 (Paper) /0.2 to 0.3(Steel) Green side friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H.  Mass 0.9 [kg/m2]  NITTA CORPORATION Industrial Products Di	ties	Tension at 5 [%]	0.5 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Coefficient of 0.3 to 0.4 (Paper) /0.2 to 0.3(Steel) Green side friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H.  Mass 0.9 [kg/m2]  NITTA CORPORATION Industrial Products Di	pper	Minimum pulley dia.	φ25 [mm]	
friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H.  Mass 0.9 [kg/m2]  NITTA CORPORATION Industrial Products Di	P	Operating temp.	-20 to +60 [°C]	
Mass 0.9 [kg/m2]  NITTA CORPORATION Industrial Products Di				Measurement condition: 7kPa, 1mm/s
NITTA CORPORATION Industrial Products Di			0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side	Ambient condition: 23°C,50%R.H.
NITTA CORPORATION Industrial Products Di		Mass	0.9 [kg/m2]	
NITTA CORPORATION Industrial Products Di The contents of this TDS may be changed without notice.	Features			
The contents of this TDS may be changed without notice.			NITTA CORPORATION	Industrial Products Div.
	The c	ontents of this TDS may be ch	ged without notice.	

			Ver.2018-01
	Technical NI	TTA BELT POLY	
	Data Sheet P-286	HUT-250	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1) 2) 3)	①Hard PU (Green) ②PA Fabric ③PA Film ④NBR Coating
S		ANH DAT FECA	(Green)
	Antistatic	Yes	
SU	Width	5 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
ime	Thickness	1.3 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	20 [mm]	
_	Operating temp.	-20 to +80°C	
	Coefficient of	0.3 to 0.4(Steel) (PU side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Rubber side)	Ambient condition: 23°C,50%R.H.
	Mass	1.6 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div

			Ver.2018-01
	Technical NI	TTA BELT POLY	
	Data Sheet P-270	HUT-750	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	3 - CANADADADADADADADADADADADADADADADADADADA	①Hard PU (Green) ②PA Fabric ③PA Film ④NBR Coating
		JANH DATECH	(Green)
	Antistatic	Yes	
SL	Width	5 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
ime	Thickness	1.9 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	50 [mm]	
4	Operating temp.	-20 to +80°C	
	Coefficient of	0.3 to 0.4(Steel) (PU side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Rubber side)	Ambient condition: 23°C,50%R.H.
	Mass	2.2 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div

			Ver.2018-0 <sup>-</sup>
		ITTA BELT POLY	
	Data Sheet	KCS-350S	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3	①PA Fabric (Blue) ②PA Film  ③NBR coating (Black)
	Antistatic	Yes	
SI	Width	10 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
imer	Thickness	1.1 [mm]	
О	Joint	Skived joint  Adhesive Polybond A	
	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.
Properties	Minimum pulley dia.	30 [mm]	
ш	Operating temp.	-20 to +80°C	
	Coefficient of	0.2 to 0.3(Steel) (Fabric side)	Measurement condition: 7kPa, 1mm/s
	friction	0.3 to 0.4(Steel) (Black side)	Ambient condition: 23°C,50%R.H.
	Mass	0.8 [kg/m2]	
Features	A light conveyer for paper prin	ntings.	
		NITTA CORPORATION	Industrial Products Div

	Tablesian	UTTA DELT DOLLA	Ver.2018-0 <sup>-</sup>
		IITTA BELT POLY	
	Data Sheet P-264	KCS-350SN	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3)	①PA Fabric (Blue) ②PA Film ③NBR coating (Black)
	Antistatic	Yes	
SI	Width	10 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
imer	Thickness	1.1 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A	
	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.
Properties	Minimum pulley dia.	30 [mm]	
ш	Operating temp.	-20 to +80°C	
	Coefficient of	0.2 to 0.3(Steel) (Fabric side)	Measurement condition: 7kPa, 1mm/s
	friction	0.3 to 0.4(Steel) (Black side)	Ambient condition: 23°C,50%R.H.
	Mass	0.8 [kg/m2]	
Features	Folder Belt in Web Off-set P	inter, Superior Wear Resistance	
		NITTA CORPORATION	Industrial Products Div

	Toological	UTTA DELT DOLLA	Jan-00
	Technical	ITTA BELT POLY	
	Data Sheet P-266	KS-100S	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	2	①NBR coating (Green) ②PA/Cotton Fabric PU coating (Orange)
	Antistatic	Yes	
v	Width	500 [mm]	
sion	Length	100 [mm]	-1
Dimensions	Thickness	0.63 [mm]	
	1.5.4	Skived joint	
	Joint	Adhesive Polybond A	
	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.
Properties	Minimum pulley dia.	18 [mm]	
_	Operating temp.	-20 to +80°C	
	Coefficient of	0.6 to 0.7(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.2 to 0.3(Steel) (Orange side)	Ambient condition: 23°C,50%R.H.
	Mass	0.55 [kg/m2]	
Features	Abrasion and Heat Resista	e for Brake Slippage, Replace KS-100N	
		NITTA CORPORATION	Industrial Products Div

## **Technical NITTA BELT POLY Data Sheet** Belt type KSG-250 P-122 A spindle tape for sectional drives. **Applications** Item Remarks Description **1NBR** coating (Green) ②PA Film Specification (1) Construction 3Special Fabric (White) Antistatic No Width 6 to 305 [mm] Dimensions Length 300 to 105,000 [mm] Thickness 0.85 [mm] Skived joint Joint Adhesive Polybond A 60 [N/mm] Tensile strength Test speed: 50mm/min Ambient condition: 23°C,50%R.H. Elongation at break 20 [%] 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 0.3 to 0.4(Steel) (NBR side) Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) (Fabric side) Ambient condition: 23°C,50%R.H. Mass 0.8 [kg/m2] Features **Industrial Products Div.**

### **Technical NITTA BELT POLY Data Sheet** Belt type KSG-350 P-123 A spindle tape for large package sectional drives. Twisting machines for tire cords. **Applications** Item Remarks Description **1NBR** coating (Green) ②PA Film Specification (1) Construction 3Special Fabric (White) Antistatic No Width 6 to 305 [mm] Dimensions Length 500 to 105,000 [mm] Thickness 1.0 [mm] Skived joint Joint Adhesive Polybond A 105 [N/mm] Tensile strength Test speed: 50mm/min Ambient condition: 23°C,50%R.H. Elongation at break 20 [%] Standard elongation 1 [%] Tension at 1 [%] 2.6 [N/mm] Ambient condition: 23°C,50%R.H. Properties Minimum pulley dia. 35 [mm] Operating temp. -20 to +80°C Coefficient of 0.3 to 0.4(Steel) (NBR side) Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) (Fabric side) Ambient condition: 23°C,50%R.H. Mass 0.9 [kg/m2] Features **Industrial Products Div.**

	Technical N	TTA BELT POLY	Ver.2016-02
	Data Sheet P-158	LA-1000	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
ns	Width	6 to 325 [mm]	
nsio	Length	500 to 105,000 [mm]	
Dimensions	Thickness	2.5 [mm]	
	Joint	Skiv <b>ed</b> 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.
Properties	Minimum pulley dia.	100 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	2.8 [kg/m2]	
Features			
			Industrial Products Div.

	Tochnical	ITTA DELT DOLV	
		ITTA BELT POLY	
	Data Sheet P-159	LA-1500	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1) 2) 3)  2/2007 (1/20	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
ટા	Width	20 to 325 [mm]	
ısior	Length	800 to 105,000 [mm]	
Dimensions	Thickness	3.0 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	150 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	3.4 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products D

	Tablestad	TTA DELT DOLLA	Ver.2018-0 <sup>-</sup>
		ITTA BELT POLY	
	Data Sheet P-160	LA-2000	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 www.nananananananananananananananananana	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
Si	Width	20 to 325 [mm]	
Dimensions	Length	800 to 105,000 [mm]	
imer	Thickness	3.5 [mm]	
Δ	Joint	Skived joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	200 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	4.0 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div

Applications    Item		Tochnical	ITTA DELT DOLLY	Ver.2016-02
Applications  Item Description Remarks  J.NBR (Textured Pattern, Blue) 2.PA Fabric 3.PA Film 3.NBR (Textured Pattern, Blue) 4. Antistatic 4. Ves 4. Width 4. G. to 3.25 (mm) 4. Length 5. Joint 6. Inchess 7. Joint 7. Joint 7. Joint 7. Joint 8. Kirved, joint 7. Joint 8. Joint			TTA BELT POLY	
Construction   Description   Remarks		elt ty	LA-250	NITTA
Construction  Co		Applications		
Construction  Construction  Construction  Construction  Antistatic  Yes  Width Length Thickness  Joint  Tensile strength Elongation at break Standard elongation Tension at 2 [%]  Tension at 2 [%]  Ambient condition: 23°C,50%R.H.  Minimum pulley dia.  Operating temp. Coefficient of friction Mass  1.4 [kg/m2]  (Textured Pattern, Blue)  (ANBR (Textured Pattern, Blue)  Antistatic  Yes  Width Length 300 to 105,000 [mm] Tickness  1.3 [mm] Antistatic  Yes  Width Length 300 to 105,000 [mm] Thickness  1.4 [kg/m2]  (Textured Pattern, Blue)  Antistatic  (ANBR (Textured Pattern, Blue)  (Antistack States State		Item	Description	Remarks
Width	Specification	Construction	2 3	(Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR
Length  Length  Joint  Length  Joint  Skived joint  Adhesive Polybond A and E  Tensile strength  Elongation at break  Standard elongation  Tension at 2 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.4 [kg/m2]		Antistatic	Yes	
Joint  Adhesive Polybond A and E  Tensile strength  Elongation at break  Standard elongation  Tension at 2 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.4 [kg/m2]  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Mass  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Mass  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Measurement condition: 7x°C,50%R.H.  Measurement condition: 7kPa, 1m  Ambient condition: 23°C,50%R.H.	S	Width	6 to 325 [mm]	
Joint  Adhesive Polybond A and E  Tensile strength  Elongation at break  Standard elongation  Tension at 2 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.4 [kg/m2]  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Mass  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Mass  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Measurement condition: 7x°C,50%R.H.  Measurement condition: 7kPa, 1m  Ambient condition: 23°C,50%R.H.	noisı	Length	300 to 105,000 [mm]	
Joint  Adhesive Polybond A and E  Tensile strength  Elongation at break  Standard elongation  Tension at 2 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.4 [kg/m2]  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Mass  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Mass  Test speed: 50mm/min  Ambient condition: 23°C,50%R.H.  Measurement condition: 7x°C,50%R.H.  Measurement condition: 7kPa, 1m  Ambient condition: 23°C,50%R.H.	imer	Thickness	1.3 [mm]	
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 [%]  Ambient condition: 23°C,50%R.H.  Minimum pulley dia.  25 [mm]  Operating temp.  Coefficient of friction  Mass  1.4 [kg/m2]		loint	Skived joint	
Elongation at break  Standard elongation  Tension at 2 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.4 [kg/m2]  Ambient condition: 23°C,50%R.H.  Ambient condition: 23°C,50%R.H.  Ambient condition: 23°C,50%R.H.  Ambient condition: 23°C,50%R.H.  Ambient condition: 7kPa, 1m  Ambient condition: 7kPa, 1m  Ambient condition: 23°C,50%R.H.		Joint	Adhesive Polybond A and E	
Standard elongation  Tension at 2 [%]  Ambient condition: 23°C,50%R.H.  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.4 [kg/m2]  Standard elongation 2 [%]  Ambient condition: 23°C,50%R.H.  Ambient condition: 7kPa, 1m  Ambient condition: 23°C,50%R.H.		Tensile strength	60 [N/mm]	Test speed: 50mm/min
Tension at 2 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.4 [kg/m2]  Ambient condition: 23°C,50%R.H.  Ambient condition: 23°C,50%R.H.  Ambient condition: 23°C,50%R.H.		Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.
Minimum pulley dia.  Operating temp.  Coefficient of 0.5 to 0.6(Steel) (Both side)  Measurement condition: 7kPa, 1m Ambient condition: 23°C,50%R.H.  Mass 1.4 [kg/m2]		Standard elongation	2 [%]	
Operating temp.  Coefficient of  friction  Mass  -20 to +80°C  Both side)  Measurement condition: 7kPa, 1m  Ambient condition: 23°C,50%R.H.  1.4 [kg/m2]	(0	Tension at 2 [%]	3 [N/mm]	Ambient condition: 23°C,50%R.H.
Operating temp.  Coefficient of  friction  Mass  -20 to +80°C  Both side)  Measurement condition: 7kPa, 1m  Ambient condition: 23°C,50%R.H.  1.4 [kg/m2]	Properties	Minimum pulley dia.	25 [mm]	
friction  Mass  1.4 [kg/m2]		Operating temp.	-20 to +80°C	
Mass 1.4 [kg/m2]		Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
		friction		Ambient condition: 23°C,50%R.H.
Features		Mass	1.4 [kg/m2]	
	Features			

	Tachuical	WITA DELT DOLLA	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet P-155	LA-350	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (2) (3) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
S	Width	6 to 325 [mm]	
sior	Length	300 to 105,000 [mm]	
Dimensions	Thickness	1.45 [mm]	
Δ	Joint	Skived joint  Adhesive Polybond A and E	•
	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.
Properties	Minimum pulley dia.	35 [mm]	
Т.	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	1.6 [kg/m2]	
Features			
			Industrial Products Div.

## **Technical NITTA BELT POLY Data Sheet** Belt type LA-350NI2 P-279 Stacker Belts for Printing Industry **Applications** Remarks Item Description ①NBR (Orange Peel Pattern, Blue) ②PA Fabric Specification ③PA Film Construction **4**NBR (Orange Peel Pattern, Blue) Antistatic Yes Width 5 to 300 [mm] Dimensions Length 300 to 100,000 [mm] Thickness 1.35 [mm] Skived joint Joint Adhesive Polybond A and E 105 [N/mm] Test speed: 50mm/min Tensile strength Elongation at break Ambient condition: 23°C,50%R.H. 20 [%] Standard elongation 2 [%] Ambient condition: 23°C,50%R.H. Tension at 2 [%] 5.2 [N/mm] Properties Minimum pulley dia. 25 [mm] -20 to +80°C Operating temp. Coefficient of 0.5 to 0.6(Steel) (Blue side) Measurement condition: 7kPa, 1mm/s friction 0.5 to 0.6(Steel) (Blue side) Ambient condition: 23°C,50%R.H. Mass 1.55 [kg/m2] NITTA CORPORATION **Industrial Products Div.**

# PolySprint TM **Technical Data Sheet** LA-4E14 Belt PS-013 · Mail sorter(Drive) · Bookbinding machine **Applications** Item Description Remarks **1NBR** (Textured surface, Blue) ②TPU Specification 3PES fabric Construction Antistatic Yes Width 10 to 480 [mm] Dimensions Length 400 to 100,000 [mm] Thickness 1.4 [mm] Finger Joint Joint (standard dimension: 10W \* 30L) 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] -20 to +60 [°C] Operating temp. Coefficient of 0.8 to 0.9 (Paper) /0.5 to 0.6(Steel) Both side Measurement condition: 7kPa, 1mm/s friction Ambient condition: 23°C,50%R.H. Mass 1.5 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

	Tankuisal		Ver.2016-02
		ITTA BELT POLY	
	Data Sheet P-156	LA-500	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (4) (4)	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
တ္သ	Width	6 to 325 [mm]	
sion	Length	300 to 105,000 [mm]	
Dimensions	Thickness	1.6 [mm]	
۵	Joint	Skived joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	50 [mm]	
а.	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	1.8 [kg/m2]	
Features			
			Industrial Products Div.

	Toological	TTA DELT DOLLA	Ver.2016-02
		TTA BELT POLY	
	Data Sheet P-157	LA-750	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1) 2) 3) 07-07-07-07-07-07-07-07-07-07-07-07-07-0	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
SI	Width	6 to 325 [mm]	
sior	Length	500 to 105,000 [mm]	
Dimensions	Thickness	2.25 [mm]	
Ö		Skived joint	
	Joint	Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	75 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	2.5 [kg/m2]	
Features			
			Industrial Products Div.

Technical Data Sheet   NLG   NITTA CORPO					
		al Data Sheet Reft Age of the O-006	LGFE-12DK	10-Aug-12	
Main uses					
No.		Item	Description	Remarks	
1	Specification	Construction	DAT TECHY	Polyester nonwoven fabric (green)  Polyester fabric	
		Antistatic	No		
	suc	Width	10 to 2000 mm		
2	Dimensions	Length	0.7 to 100 m		
		Thickness	5.5 mm		
		Joint	Skiver joint		
		Tensile strength	120 N/mm	Test speed 50mm/min	
		Elongation at break	15 %	Ambient condition 23 ,50%	
		Standard elongation	0.5 %		
	ies	Tension at 1%	10 N/mm	Ambient condition 23 ,50%	
3	Properties	Minimum pulley diameter	7RA <sup>100 mm</sup> N		
	I	Temperature range	-20 to +80		
		Coefficient	Top surface: 0.3 to 0.35 (Against stainless)	Ambient condition 23 ,50%	
		of friction	Underside: 0.3 to 0.35 (Against stainless)	7 millionet condition 25 ,50%	
		Mass	3.4 kg/m²		
4	Features				

	Technical N	TTA BELT POLY	Ver.2016-02
	Data Sheet P-170	MA-1000	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
SL	Width	6 to 325 [mm]	
Dimensions	Length	500 to 105,000 [mm]	
imer	Thickness	3.0 [mm]	
Ω	Joint	Skived joint	
	John	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 [%]	
တ္	Tension at 2 [%]	15 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	100 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	3.3 [kg/m2]	
Features			
			Industrial Products Div.

	Technical N	TTA BELT POLY	Ver.2016-02
	Data Sheet P-171	MA-1500	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
SL	Width	20 to 325 [mm]	
Dimensions	Length	800 to 105,000 [mm]	
imer	Thickness	3.5 [mm]	
	Joint	Skived joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	150 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	4.0 [kg/m2]	
Features			
			Industrial Products Div.

	Technical N	TTA BELT POLY	Ver.2016-02
	Data Sheet P-172	MA-2000	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1) 2) 3) 4  4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
SU	Width	20 to 325 [mm]	
Dimensions	Length	800 to 105,000 [mm]	
Jime	Thickness	4.0 [mm]	
	Joint	Skived joint	
	Tongile strength	Adhesive Polybond A and E  600 [N/mm]	Test speed: 50mm/min
	Tensile strength  Elongation at break	A COO ((Willing)	Ambient condition: 23°C,50%R.H.
	Standard elongation	20 [%]	Andert Condition: 20 0,30761C.11.
	Tension at 2 [%]	30 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	200 [mm]	20 0,00%
Т.	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	4.6 [kg/m2]	
Features			
			Industrial Products Div

	Technical I	IITTA BELT POLY	Ver.2018-0
			NUTT C
	Data Sheet P-167	MA-350	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (4) (4) (4) (5) (4) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
દા	Width	6 to 325 [mm]	
Dimensions	Length	300 to 105,000 [mm]	
ime	Thickness	2.35 [mm]	
	Joint	Skived joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	35 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	2.6 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div

	Technical N	ITTA DELT DOLV	
		ITTA BELT POLY	BUTTO
	Data Sheet extremely P-168	MA-500	NITTA
	Applications		
	ltem	Description	Remarks
Specification	Construction	(1) (2) (3) (4)	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
SU	Width	6 to 325 [mm]	
Dimensions	Length	300 to 105,000 [mm]	
Jime	Thickness	2.5 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A and E	
	Tensile strength	150 [N/mm]	Test speed: 50mm/min
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]	
w	Tension at 2 [%]	7.5 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	50 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	2.7 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Di

	Tochnical	ITTA DELT DOLV	
		ITTA BELT POLY	
	Data Sheet P-169  P-169	MA-750	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (4)	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic	Yes	
ટા	Width	6 to 325 [mm]	
Dimensions	Length	500 to 105,000 [mm]	
ime	Thickness	2.75 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A and E	
	Tensile strength	225 [N/mm]	Test speed: 50mm/min
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]	
(0	Tension at 2 [%]	11.2 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	75 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Both side)	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	3.0 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Di

	Technical NI	TTA BELT POLY	Ver.2018-01
		TIA BELIFOLI	NITTA
	Data Sheet	MH-3000	NITTA
		Heavy Duty Power Transmission	
	Applications		
	Item	Description	Remarks
	Item	Description	①NBR
			(Textured Pattern, Blue)
ا			②PA Fabric
Specification			③PA Film
ecific	Construction	2	
Sp		3	@NBR
		<b>4</b>	(Textured Pattern, Black)
		'YB'	
	Antistatic	Yes	
્રા	Width	20 to 300 [mm]	
Dimensions	Length	1,500 to 50,000 [mm]	
Jime	Thickness	5.5 <mark>[m</mark> m]	
	Joint	Skived joint	
		Adhesive Polybond A and E	
	Tensile strength	900 [ <b>N/</b> mm]	Test speed: 50mm/min
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]	
S	Tension at 2 [%]	45 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	300 [mm]	
Prog			
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Blue side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Black side)	Ambient condition: 23°C,50%R.H.
	Mass	6.5 [kg/m2]	
	Thicker rubber side is used for	unving side	
es			
Features			
H <sub>A</sub>			
		NITTA CORPORATION	Industrial Products Div.

			Ver.2018-01
		TTA BELT POLY	
	Data Sheet	MH-4000	NITTA
		Heavy Duty Power Transmission	
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 2 4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Black)
	Antistatic	Yes	
<u> </u>	Width	20 to 300 [mm]	
Dimensions	Length	2,000 to 50,000 [mm]	
imer	Thickness	6.5 <mark>[m</mark> m]	
٥	Joint	Skived joint  Adhesive Polybond A and E	
	Tensile strength	1.2k [ <b>N</b> /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.
Properties	Minimum pulley dia.	400 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Blue side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Black side)	Ambient condition: 23°C,50%R.H.
	Mass	7.6 [kg/m2]	
Features	Thicker rubber side is used for	r driving side	
		NITTA CORPORATION	Industrial Products Div
	contents of this TDS may be chang	NITTA CORPORATION	Industrial Products Div

# **Technical** NITTA BELT POLY **Data Sheet** Belt type **NRT-100** P-081 A belt for conveying corrugated cardboards **Applications** Item Description Remarks 1)NBR (Rough Top, Blue) 2PET Fabric Specification Construction Antistatic Yes Width 20 to 480 [mm] **Dimensions** 1,000 to 50,000 [mm] Length **Thickness** Approx.4.5 [mm] Skived joint or Clipper joint Joint Adhesive NLG Bond 150 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break Ambient condition: 23°C,50%R.H. 20 [%] Standard elongation 0.5 [%] Tension at 0.5 [%] 3 [N/mm] Ambient condition: 23°C,50%R.H. **Properties** Minimum pulley dia. 50 [mm] Operating temp. -20 to +80°C Coefficient of Approx.1(Cardboard) (NBR side) Measurement condition: 7kPa, 1mm/s 0.2 to 0.25(Steel) (Fabric side) friction Ambient condition: 23°C,50%R.H. Mass 3.6 [kg/m2] High coefficient of friction and superior abrasion resistance Features NITTA CORPORATION **Industrial Products Div.**

# **Technical** NITTA BELT POLY **Data Sheet** Belt type **NRT-500** P-231 A belt for conveying corrugated cardboards **Applications** Item Description Remarks 1)NBR (Rough Top, Blue) ②PA Fabric Specification ③PA Film Construction 4PA Fabric **5**NBR (Textured Pattern, Black) Antistatic Yes Width 20 to 480 [mm] **Dimensions** Length 1,000 to 45,000 [mm] **Thickness** Approx.6.0 [mm] Skived or Step joint Joint Adhesive Polybond A and E 150 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break Ambient condition: 23°C,50%R.H. 20 [%] Standard elongation 1 [%] 3.8 [N/mm] Tension at 1 [%] Ambient condition: 23°C,50%R.H. **Properties** Minimum pulley dia. 90 [mm] Operating temp. -20 to +80°C Coefficient of Approx.1(Cardboard) (Blue side) Measurement condition: 7kPa, 1mm/s friction 0.5 to 0.6(Steel) (Black side) Ambient condition: 23°C,50%R.H. Mass 5.6 [kg/m2] High coefficient of friction and superior abrasion resistance Features NITTA CORPORATION **Industrial Products Div.**

Technical Sheet		RT-15NF	Nitt	ta Corp. of America	
A- 09			8/31/2010		
	ITEM		DE	SCRIPTION	
Belt Specs	Structure		NBR(blue, 75°Shore A, RT Profile)  6.7 mm  Rubber  White)		
	Anti-Static	YU,		YES	
Manuf.	Size		Width: max 1829	mm	72 in
Standard	Size		Length: max 90 n	1	300 ft
	Tensile Strength		315 N/ mm	D	1800 lbs/in
Belt	Elongation at Break			N/A	
Properties	Standard Tension	\\ -	++++	0.5 %	
	Working Load at 10	%	14 N/ mm	3/	80 lbs/in
	Min. Pulley Diame	ter	Finger Joint: N/A Skiver Joint: 50 mm		N/A 2.0 in
	Temperature Ranş	ge	Continuously: -18 to +121  Periodically: N/A	°C	0 to 250 °F N/A
	Coefficient of		top : 0.9	L	
	Friction		Bottom: 0.2		
	( Steel)				
	Weight		5.3 kg/m <sup>2</sup>		1.1 lbs/ft <sup>2</sup>
	Special Properties		Excellent Wear/ Oil Re	esistant NBR	

Phone: (800) 221-3689

Fax: (770) 623 - 1398

## PolySprint TM **Technical Data Sheet** RT-22E70-2 Belt 1 PS-080 · Flexo folder gluer · Conveying corrugated board **Applications** Item Description Remarks 1)NBR (Rough Top,Blue) ②PES fabric Specification ③TPU Construction 4PES fabric (Tension member) **5**Special PES fabric Antistatic Yes Width 10 to 480 [mm] Dimensions 2000 to 44,000 [mm] Length Thickness Approx.7 [mm] Finger Joint, Skiver Joint Joint or Clipper Joint 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] -20 to +80 [°C] Operating temp. Coefficient of Approx.1(Corrugated board) NBR side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) fabric side Ambient condition: 23°C,50%R.H. Mass 6.5 [kg/m2] NITTA CORPORATION **Industrial Products Div.**

Technical NI		TTA BELT POLY	Ver.2020-01
	Data Sheet et P-082	RT-300	NITTA
		A belt for conveying corrugated cardboards	
	Applications		
	Item	Description	Remarks
Specification	Construction	The second of th	①NBR (Rough Top, Blue) ②PET Fabric
	Antistatic	Yes	
Su	Width	20 to 500 [mm]	
Dimensions	Length	1,000 to 42,000 [mm]	
Jime	Thickness	Approx.7 [mm]	
	Joint	Skived joint or Clipper joint  Clipper Joint should be #2	
	Tensile strength	290 [N/mm]	Test speed: 50mm/min
	Elongation at break	15 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]	
S	Tension at 0.5 [%]	3 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	100 [mm]	
<u> </u>	Operating temp.	-20 to +80°C	
	Coefficient of	Approx.1(Cardboard) (NBR Side)	Measurement condition: 7kPa, 1mm/s
	friction	0.2 to 0.25(Steel) (Fabric Side)	Ambient condition: 23°C,50%R.H.
	Mass	6.5 [kg/m2]	
Features	High coefficient of friction and s	superior abrasion resistance	
		NITTA CORPORATION	Industrial Products Div.

	Technical N		
	recillical N	TTA BELT POLY	
	Data Sheet	SB-350S-2P	NITTA
		Conveyor Belt in Printing Machine (for Cold Set Ink)	
	Applications		
	Item	Description	Remarks
Specification	Construction	1) 2) 3) DAT 15	①NBR coating (Black) ②PA Fabric ③PA Film
	Antistatic	Yes	
6	Width	5 to 325 [mm]	
Dimensions	Length	500 to 100,000 [mm]	4
men	Thickness	0.65 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A	
-	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.
Properties	Minimum pulley dia.	30 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.3 to 0.4(Steel) (Black side)	Measurement condition: 7kPa, 1mm/s
1	friction	0.1 to 0.2(Steel) (Nylon side)	Ambient condition: 23°C,50%R.H.
	Mass	0.7 [kg/m2]	
Features	Anti-ink Transfer		
		NITTA CORPORATION	Industrial Products Div

	Technical	SE	$B^TM$	
	Data Sheet	Belt type	SE-A-GN	NITTA
	Applications		<ul><li>Feeder belts</li><li>Sack machines</li></ul>	
	Item		Description	Remarks
Specification	Construction		1 2 3 4	①Green natural rubber (Ground surface) ②Polyamide fabric ③Polyester cord ④Black chloroprene rubber (Glossy surface)
	Antistatic	/	Yes	
S	Width		7 to 400 [mm]	
sion	Length		400 to 1970 [mm]	By molds
Dimensions	Thickness		8. <b>0</b> [mm]	Thickness available 2 to 12 mm
Ω	Joint		Seamless	
	Tensile strength	V	58. <b>8 [N/</b> mm]	Test speed: 10%/min.
	Elongation at break		10 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation		0.5 [%]	
ies	Tension at 0.5 [%]		3.7 [N/mm]	Ambient condition: 23°C,50%R.H.
Propertie	Minimum pulley dia.		80 [mm] S	
Pro	Operating temp.		-20 to +60 [°C]	
	Coefficient of		Approx. 2.0(Steel) Ground surface	Measurement condition: 7kPa,1mm/s
	friction		0.2 to 0.4(Steel) Glossy surface	Ambient condition: 23°C,50%R.H.
	Mass		10.2 [kg/m2]	
Features	High friction     Soft surface			
			NITTA CORPORATION	Industrial Products Div

#### SEB<sup>TM</sup> **Technical Data Sheet** Belt type SE-A-NR · Feeder belts Sack machines **Applications** Description Item Remarks ①Blue natural rubber (Ground surface) 2Polyamide fabric Specification 3Polyester cord Construction 4Black chloroprene rubber (Glossy surface) Antistatic Yes Width 7 to 400 [mm] Dimensions 400 to 1970 [mm] Length By molds Thickness 8.0 [mm] Thickness available 2 to 14 mm Joint Seamless Test speed: 10%/min. 58.8 [N/mm] Tensile strength 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] -20 to +60 [°C] Operating temp. Approx. 1.5(Cardboard) Ground surface Measurement condition: 7kPa,1mm/s Coefficient of friction 0.2 to 0.4(Steel) Glossy surface Ambient condition: 23°C,50%R.H. Mass 10.2 [kg/m2] · High friction Soft surface Features **CORPORATION** Industrial Products Div.

Peeder belts   SE-A-RN   Peeder belts   Sack machines   Peeder belts   Pe		EB <sup>™</sup>	SE	Technical	
Sack machines	NITTA				
Construction  Co				Applications	
Construction  Test appears a purpose of fiction  Construction  Construction  Construction  Test appears a purpose of fiction  Construction  Construction  Construction  Test appears a purpose of fiction  Construction  Construction  Test appears a purpose of fiction  Construction  Construction  Test appears a purpose of fiction  Construction  Test appears a purpose of fiction  Construction  Construct	Remarks	Description		Item	
Width 7 to 400 [mm]  Length 400 to 1970 [mm] By molds  Thickness Joint Seamless  Tensile strength 58.8 [N/mm] Test speed: 10%/mi  Elongation at break 10 [%] Ambient condition: 2  Standard elongation 0.5 [%] 3.7 [N/mm] Ambient condition: 2  Minimum pulley dia. 0.7 [mm] Operating temp20 to +60 [°C]  Coefficient of friction 7.2 to 0.4 (Steel) Glossy surface Measurement condition: 2  Mass 10.2 [kg/m2]  High friction Soft surface	ound surface) vamide fabric vester cord ck chloroprene rubber			Construction	Specification
Length  Thickness  B.0 [mm]  Thickness available  Seamless  Tensile strength  Elongation at break  Standard elongation  Tension at 0.5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  10.2 [kg/m2]  Length  400 to 1970 [mm]  By molds  Thickness available  Seamless  Tensile strength  58.8 [N/mm]  Test speed: 10%/mi  Ambient condition: 2  Mabient condition: 2  Measurement condition: 2  Measurement condition: 2  Thickness available  Seamless  Tensile strength  58.8 [N/mm]  Ambient condition: 2  Test speed: 10%/mi  Test speed: 10%		Yes		Antistatic	
Tensile strength  Elongation at break  Standard elongation  Tension at 0.5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  10.2 [kg/m2]  Tension at 0.5 [w]  Tension at 0.5 [w]  Ambient condition: 2  Ambient condition: 2  Ambient condition: 2  Measurement condition: 2  Measurement condition: 2  Tension at 0.5 [w]  Ambient condition: 2  Approx. 2.0 (Steel) Ground surface  Measurement condition: 2  Mass  10.2 [kg/m2]		7 to 400 [mm]		Width	S
Tensile strength  Elongation at break  Standard elongation  Tension at 0.5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  10.2 [kg/m2]  Tension at 0.5 [%]  Ambient condition: 2  Measurement condition: 2  Measurement condition: 2  Measurement condition: 2  Tension at 0.5 [%]  Approx. 2.0 (Steel) Ground surface Measurement condition: 2  Measurement condition: 2  Measurement condition: 2  Tensile strength  58.8 [N/mm]  Ambient condition: 2  Measurement condition: 2  Measurement condition: 2  Tensile strength  58.8 [N/mm]  Ambient condition: 2  Measurement condition: 2  Tensile strength  58.8 [N/mm]  Test speed: 10%/mi	ds	400 to 1970 [mm]		Length	sion
Tensile strength  Elongation at break  Standard elongation  Tension at 0.5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  10.2 [kg/m2]  Tension at 0.5 [w]  Tension at 0.5 [w]  Ambient condition: 2  Ambient condition: 2  Ambient condition: 2  Measurement condition: 2  Measurement condition: 2  Tension at 0.5 [w]  Ambient condition: 2  Approx. 2.0 (Steel) Ground surface  Measurement condition: 2  Mass  10.2 [kg/m2]	ess available 2 to 12 mm	8. <b>0</b> [mm]		Thickness	imen
Elongation at break  Standard elongation  Tension at 0.5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  10 [%]  Ambient condition: 2  Approx. 2.0 (Steel) Ground surface  O.2 to 0.4 (Steel) Glossy surface  Measurement condition: 2  High friction  Soft surface		Seamless		Joint	Ω
Standard elongation  Tension at 0.5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  10.2 [kg/m2]  Standard elongation  0.5 [%]  Ambient condition: 2  Measurement condition: 2  Measurement condition: 2  Measurement condition: 2  This priction  Output  Tension at 0.5 [%]  Ambient condition: 2  Measurement condition: 2  This priction  Output  This priction  Output  This priction  This	peed: 10%/min.	58.8 [N/mm]		Tensile strength	
Tension at 0.5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  10.2 [kg/m2]  Ambient condition: 2  Ambient condition: 2  Measurement condition: 2  Measurement condition: 2  Tension at 0.5 [%]  Ambient condition: 2  Measurement condition: 2  Measurement condition: 2  Tension at 0.5 [%]  Ambient condition: 2	nt condition: 23°C,50%R.H.	10 [%]		Elongation at break	
Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  10.2 [kg/m2]  Minimum pulley dia.  80 [mm]  Approx. 2.0 (5teel) Ground surface Measurement condition: 2  Measurement condition: 2  Mass  10.2 [kg/m2]		0.5 [%]		Standard elongation	
Coefficient of friction  Approx. 2.0(Steel) Ground surface Measurement condition: 2  Mass  10.2 [kg/m2]  High friction  Soft surface	nt condition: 23°C,50%R.H.	3.7 [N/mm]		Tension at 0.5 [%]	ies
Coefficient of friction  Approx. 2.0(Steel) Ground surface Measurement condition: 2  Mass  10.2 [kg/m2]  High friction  Soft surface		80 [mm] 5		Minimum pulley dia.	pert
Mass  O.2 to 0.4(Steel) Glossy surface  Ambient condition: 2  High friction  Soft surface		-20 to +60 [°C]		Operating temp.	Prc
Mass  10.2 [kg/m2]  High friction Soft surface	rement condition: 7kPa,1mm/s	Approx. 2.0(Steel) Ground surface		Coefficient of	
High friction     Soft surface	nt condition: 23°C,50%R.H.	0.2 to 0.4(Steel) Glossy surface		friction	
Soft surface		10.2 [kg/m2]		Mass	
	ustrial Products Div.			_	Features

#### SEB<sup>TM</sup> **Technical Data Sheet** Belt type SE-A-WN · Feeder belts Sack machines **Applications** Description Item Remarks ①White natural rubber (Ground surface) 2Polyamide fabric Specification 3Polyester cord Construction 4White chloroprene rubber (Glossy surface) Antistatic No Width 7 to 400 [mm] Dimensions 400 to 1970 [mm] Length By molds Thickness 8.0 [mm] Thickness available 2 to 12 mm Joint Seamless Test speed: 10%/min. Tensile strength 58.8 [N/mm] 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] -20 to +60 [°C] Operating temp. Approx. 2.0(Steel) Ground surface Measurement condition: 7kPa,1mm/s Coefficient of friction 0.2 to 0.4(Steel) Glossy surface Ambient condition: 23°C,50%R.H. Mass 10.2 [kg/m2] · High friction Soft surface Features **CORPORATION** Industrial Products Div.

#### SEB<sup>TM</sup> **Technical Data Sheet** Belt type SE-A-WN-F · Feeder belts Sack machines **Applications** Item Description Remarks 1)White natural rubber (FDA) (Ground surface) 2Polyester cord Specification ③Polyamide fabric Construction 4White chloroprene rubber (Glossy surface) Antistatic Yes 7 to 400 [mm] Width Dimensions 400 to 1970 [mm] Length By molds Thickness 8.0 [mm] Thickness available 2 to 12 mm Joint Seamless Tensile strength Test speed: 10%/min. 58.8 [N/mm] Elongation at break 10 [%] Ambient condition: 23°C,50%R.H. 0.5 [%] Standard elongation Ambient condition: 23°C,50%R.H. Tension at 0.5 [%] 3.7 [N/mm] Minimum pulley dia. 80 [mm] Operating temp. -20 to +60 [°C] Approx. 1.5(a sheet of paper) Ground surface Measurement condition: 7kPa,1mm/s Coefficient of friction 0.2 to 0.4(Steel) Glossy surface Ambient condition: 23°C,50%R.H. Mass 8.0 [kg/m2] • The surface rubber meets the extraction limits specified in the FDA 21 CFR177.2600 for rubber articles in contact with aqueous and fatty foods. · High friction Soft surface Features NITTA CORPORATION **Industrial Products Div.**

	Tochnical	ITTA BELT BOLV	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet	SG-1000	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (4)	①NBR coating (Green) ②PA Fabric  ③PA Film  ④NBR coating (Black)
	Antistatic	Yes	
SI	Width	6 to 325 [mm]	
Dimensions	Length	500 to 105,000 [mm]	
imer	Thickness	1.6 [mm]	
	Joint	Skived joint  Adhesive Polybond A	•
	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.
Properties	Minimum pulley dia.	100 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.3 to 0.4(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.3 to 0.4(Steel) (Black side)	Ambient condition: 23°C,50%R.H.
	Mass	1.7 [kg/m2]	
Features			
		and without notice	Industrial Products Div

	Toohnigal	WITTA DELT DOLV	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet P-001	SG-250	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (4)	①NBR coating (Green) ②PA Fabric ③PA Film ④NBR coating (Black)
	Antistatic	Yes	
St	Width	6 to 325 [mm]	
sior	Length	300 to 105,000 [mm]	
Dimensions	Thickness	0.8 [mm]	
Δ	Joint	Skived joint  Adhesive Polybond A	
	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.
Properties	Minimum pulley dia.	25 [mm]	
ш	Operating temp.	-20 to +80°C	
	Coefficient of	0.3 to 0.4(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.3 to 0.4(Steel) (Black side)	Ambient condition: 23°C,50%R.H.
	Mass	0.8 [kg/m2]	
Features			
			Industrial Products Div.

	Toohnigal	UTTA DELT DOLLA	Ver.2016-02
		IITTA BELT POLY	
	Data Sheet P-002	SG-350	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 4	①NBR coating (Green) ②PA Fabric ③PA Film ④NBR coating (Black)
	Antistatic	Yes	
SI	Width	6 to 325 [mm]	
sior	Length	300 to 105,000 [mm]	
Dimensions	Thickness	0.95 [mm]	
Δ	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A	
	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.
Properties	Minimum pulley dia.	35 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.3 to 0.4(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.3 to 0.4(Steel) (Black side)	Ambient condition: 23°C,50%R.H.
	Mass	0.9 [kg/m2]	
Features			
			Industrial Products Div.

	Toohnical	WITTA DELT DOLV	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet P-003	SG-500	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (4)	①NBR coating (Green) ②PA Fabric ③PA Film ④NBR coating (Black)
	Antistatic	Yes	
દા	Width	6 to 325 [mm]	
ısior	Length	300 to 105,000 [mm]	
Dimensions	Thickness	1.1 [mm]	
	Joint	Skived joint  Adhesive Polybond A	
	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.
Properties	Minimum pulley dia.	50 [mm]	
Г.	Operating temp.	-20 to +80°C	
	Coefficient of	0.3 to 0.4(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.3 to 0.4(Steel) (Black side)	Ambient condition: 23°C,50%R.H.
	Mass	1.1 [kg/m2]	
Features			
			Industrial Products Div.

	Tochnical		Ver.2016-02
		IITTA BELT POLY	
	Data Sheet	SG-750	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 4	①NBR coating (Green) ②PA Fabric  ③PA Film  ④NBR coating (Black)
	Antistatic	Yes	
દા	Width	6 to 325 [mm]	
ısior	Length	500 to 105,000 [mm]	
Dimensions	Thickness	1.35 [mm]	
Δ	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A	
	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.
Properties	Minimum pulley dia.	75 [mm]	
ш	Operating temp.	-20 to +80°C	
	Coefficient of	0.3 to 0.4(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.3 to 0.4(Steel) (Black side)	Ambient condition: 23°C,50%R.H.
	Mass	1.4 [kg/m2]	
Features			
	contents of this TDS may be sha		Industrial Products Div.

	Technical N	ITTA PELT POLV	Ver.2016-02
		ITTA BELT POLY	NUTTA
	Data Sheet	SG-750-2P	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction		①NBR coating (Green) ②PA Fabric ③PA Film
	Antistatic	No	
ns	Width	6 to 325 [mm]	
Dimensions	Length	500 to 105,000 [mm]	
Jime	Thickness	1.1 [mm]	
	Joint	Skived joint  Adhesive Polybond A	•
	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.
Properties	Minimum pulley dia.	50 [mm]	
۵	Operating temp.	-20 to +80°C	
	Coefficient of	0.3 to 0.4(Steel) (NBR side)	Measurement condition: 7kPa, 1mm/s
	friction	0.1 to 0.2(Steel) (PA side)	Ambient condition: 23°C,50%R.H.
	Mass	1.2 [kg/m2]	
Features			
			Industrial Products Div.

				Ver.2018-0
	Technical	NI	TTA BELT POLY	
	Data Sheet P-278	Belt type	SGLA-350S	NITTA
			A Light Conveyer for Paper Printings.	
	Applications			
	Item		Description	Remarks
Specification	Construction		3	①NBR coating (Green) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Blue)
	Antistatic		Yes	
SI	Width		10 to 300 [mm]	
Dimensions	Length		300 to 100,000 [mm]	1
mer	Thickness		1.2 [mm]	
			Skived joint	
	Joint		Adhesive Polybond A	
	Tensile strength		135 [ <b>N</b> /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.
Properties	Minimum pulley dia.		30 [mm]	
	Operating temp.		-20 to +80°C	
	Coefficient of	Ī	0.3 to 0.4(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction		0.5 to 0.6(Steel) (Blue side)	Ambient condition: 23°C,50%R.H.
	Mass	Ī	1.2 [kg/m2]	
Features				
			NITTA CORPORATION	Industrial Products Di

	Tankuisal	. TM	Ver.2016-1
		LG™	<b>A</b>
	Data Sheet S-002	SI-12A	NITTA
	Applications	Food Conveyor     Inclined and declined conveyor     Conveyor for lightweight material	
	Item	Description	Remarks
Specification	Construction	2	①Silicone rubber (Flat surface, White) ②PES Fabric (White)
	Antistatic	Yes	
ဟ	Width	10 to 960 [mm]	
Dimensions	Length	700 to 100,000 [mm]	
men	Thickness	1. <b>2 [</b> mm]	
iΩ	Joint	Finger Joint	
	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.
Properties	Minimum pulley dia.	φ30 [mm]	
	Operating temp.	-20 to 150 [°C]	
	Coefficient of	0.9 to 1.0(Steel) Silicone rubber side	Measurement condition: 7kPa, 1mm/s
	friction	0.2 to 0.25(Steel) Fabric side	Ambient condition: 23°C,50%R.H.
	Mass	1.4 [kg/m2]	
Features	<ul><li> Heat resistance.</li><li> High friction.</li><li> Releasable.</li></ul>		
		NITTA CORPORATION	Industrial Products Div.

SLA-8E14		Technical	Po	lySprint <sup>TM</sup>	Ver.2016-
Live roller conveyor		Data Sheet			NITTA
Construction   1   2   2   3   3   3   3   3   3   3   3		Applications			
Construction  Antistatic  Width  Length  Thickness  Tensile strength  Elongation at break  Standard elongation  Tension at 1 [%]  Tension at 1 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.7 [kg/m2]  (Taffeta surface, Blue)  (2)TPU  3)PES fabric		Item		Description	Remarks
Width	Specification	Construction		3	(Taffeta surface,Blue) ②TPU
Length    1000 to 100,000 [mm]   100		Antistatic		Yes	
Joint    Finger Joint   (standard dimension: 10W * 70L)	SL	Width		10 to 300 [mm]	1
Joint  Finger Joint (standard dimension: 10W * 70L)  Tensile strength  90 [N/mm]  Test speed: 50mm/min  Ambient condition: 23°C,50%  Standard elongation  1 [%]  Ambient condition: 23°C,50%  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.7 [kg/m2]	Sior	Length	6	10 <mark>00</mark> to 100,000 [mm]	
Elongation at break  Standard elongation  Tension at 1 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  13 [%]  Ambient condition: 23°C,50%  Ambient condition: 23°C,50%  Ambient condition: 23°C,50%  Measurement condition: 7kPa  Ambient condition: 7kPa  Ambient condition: 23°C,50%			(	Finger Joint	
Standard elongation  Tension at 1 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.7 [kg/m2]  Ambient condition: 23°C,50%  Ambient condition: 23°C,50%  Ambient condition: 23°C,50%  Ambient condition: 23°C,50%  Measurement condition: 7kPa  Ambient condition: 23°C,50%		Tensile strength	À	90 [N/mm]	Test speed: 50mm/min
Tension at 1 [%]  8 [N/mm] (after 200hours running-in)  Ambient condition: 23°C,50%  Minimum pulley dia.  Operating temp.  Coefficient of  friction  Mass  1.7 [kg/m2]  Ambient condition: 23°C,50%  Ambient condition: 23°C,50%		Elongation at break		13 [%]	Ambient condition: 23°C,50%R.H.
Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  Mass  Measurement condition: 7kPrince friction  Mass  1.7 [kg/m2]	-	Standard elongation		Fb 1[%]	
Coefficient of 0.8 to 0.9 (Paper) /0.5 to 0.6(Steel) Both side Measurement condition: 7kPa friction Ambient condition: 23°C,50% Mass 1.7 [kg/m2]	es	Tension at 1 [%]		8 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Coefficient of 0.8 to 0.9 (Paper) /0.5 to 0.6(Steel) Both side Measurement condition: 7kPa friction Ambient condition: 23°C,50% Mass 1.7 [kg/m2]	perti	Minimum pulley dia.		φ25 [mm]	
friction  Mass  1.7 [kg/m2]	Pro	Operating temp.		-20 to +60 [°C]	
Mass 1.7 [kg/m2]		Coefficient of		0.8 to 0.9 (Paper) /0.5 to 0.6(Steel) Both side	Measurement condition: 7kPa, 1mm/s
		friction			Ambient condition: 23°C,50%R.H.
Features		Mass		1.7 [kg/m2]	
	Features				
NITTA CORPORATION Industrial Product				NITTA CORPORATION	Industrial Products Div

### PolySprint TM **Technical Data Sheet** SNTC-RB20B Belt PS-087 Transport · Inclined and declined conveyor **Applications** Item Description Remarks 1)Soft TPU (Longitudinal groove surface, Green) Specification 2Knit ③TPU Construction (Taffeta surface, Blue) Antistatic Yes Width 10 to 1030 [mm] Dimensions Length 400 to 100,000 [mm] Thickness 2.0 [mm] Finger Joint Joint (standard dimension: 10W \* 30L) 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 0.9 to 1.0(Steel) Green side Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H. friction 0.3 to 0.4(Steel) Blue side Mass 1.8 [kg/m2] • Top surface is high friction. · No take-up required. (fixed center distances acceptable) Features NITTA CORPORATION **Industrial Products Div.**

#### PolySprint TM **Technical Data Sheet** type SNTC-RB22A PS-077 Transport · Inclined and declined conveyor **Applications** Description Item Remarks 1Soft TPU (Longtitudinal groove surface, Green) 2TPU Specification 3Knit Construction (Blue) Antistatic Yes Width 10 to 1,016 [mm] Dimensions Length 400 to 100,000 [mm] Thickness 2.**25** [mm] Finger Joint Joint (standard dimension: 10W \* 30L or 20W \* 50L) 15 [N/mm] Tensile strength Test speed: 50mm/min 150 [%] Ambient condition: 23°C,50%R.H. Elongation at break Standard elongation 5 [%] Tension at 5 [%] 0.8 [N/mm] (after 200hours running-in) Ambient condition: 23°C,50%R.H. φ25 [mm] Minimum pulley dia. -20 to +60 [°C] Operating temp. Coefficient of 0.9 to 1.0(Steel) Green side Measurement condition: 7kPa, 1mm/s friction 0.1 to 0.2(Steel) Ambient condition: 23°C,50%R.H. Blue side Mass 2 [kg/m2] · Top surface is high friction. · No take-up required. (fixed center distances acceptable) Features NITTA CORPORATION Industrial Products Div.

## PolySprint TM **Technical Data Sheet** SNTC-TW18A PS-085 Transport · Inclined and declined conveyor **Applications** Description Item Remarks 1Soft TPU (Mini Rough Top, Green) 2TPU Specification 3Knit Construction (Blue) Antistatic Yes Width 10 to 1,000 [mm] Dimensions Length 400 to 900,000 [mm] Thickness 1.8 [mm] Finger Joint Joint (standard dimension: 10W \* 30L) 15 [N/mm] Tensile strength 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. φ20 [mm] Minimum pulley dia. -20 to +60 [°C] Operating temp. Coefficient of 0.7 to 0.8(Steel) Green side Measurement condition: 7kPa, 1mm/s friction 0.1 to 0.2(Steel) Blue side Ambient condition: 23°C,50%R.H. Mass 1.5 [kg/m2] · Top surface is high friction. No take-up required. (fixed center distances acceptable) Features NITTA CORPORATION Industrial Products Div.

No.		Technical	olySprint <sup>TM</sup>	Ver.2016-1
Section   Construction   Construct				NITTA
Construction   1		Applications	• Postal	
Construction   1   2   3   3   3   3   3   3   3   3   3		Item	Description	Remarks
Width	Specification	Construction		(Blue) ②TPU (Blue)
Length Le		Antistatic	Yes	
Joint    Signature   Finger Joint   (standard dimension: 10W * 30L)	Su	Width	10 to 480 [mm]	-
Joint (standard dimension: 10W * 30L)  Tensile strength 15 [N/mm] Test speed: 50mm/min  Elongation at break 100 [%] Ambient condition: 23°C,50°S  Standard elongation 5 [%]  Tension at 5 [%] 0.5 [N/mm] (after 200hours running-in) Ambient condition: 23°C,50°S  Minimum pulley dia.	nsio	Length		
Joint (standard dimension: 10W * 30L)  Tensile strength 15 [N/mm] Test speed: 50mm/min  Elongation at break 100 [%] Ambient condition: 23°C,50%  Standard elongation 5 [%]  Tension at 5 [%] 0.5 [N/mm] (after 200hours running-in) Ambient condition: 23°C,50%  Minimum pulley dia.	Jime	Thickness		
Elongation at break  Standard elongation  Tension at 5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.3 [kg/m2]  Ambient condition: 23°C,509		Joint		
Standard elongation  Tension at 5 [%]  Tension at 5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  1.3 [kg/m2]  Standard elongation  5 [%]  Ambient condition: 23°C,50°C  Ambient condition: 23°C,50°C  Ambient condition: 23°C,50°C  Ambient condition: 7kPa  Measurement condition: 23°C,50°C  Ambient condition: 2		Tensile strength	15 [N/mm]	Test speed: 50mm/min
Tension at 5 [%]  Operating temp.  Coefficient of friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,509  Mass 1.3 [kg/m2]  Ambient condition: 23°C,509  Ambient condition: 23°C,509  Ambient condition: 23°C,509  Ambient condition: 23°C,509		Elongation at break	100 [%]	Ambient condition: 23°C,50%R.H.
Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  Minimum pulley dia.   Operating temp.  -20 to +60 [°C]  0.2 to 0.3 (Paper) /0.1 to 0.2(Steel) Knit side Measurement condition: 7kPa  Ambient condition: 23°C,509  1.3 [kg/m2]		Standard elongation	5 [%]	
Coefficient of 0.2 to 0.3 (Paper) /0.1 to 0.2(Steel) Knit side Measurement condition: 7kPa friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,509 Mass 1.3 [kg/m2]	ties	Tension at 5 [%]	0.5 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Coefficient of 0.2 to 0.3 (Paper) /0.1 to 0.2(Steel) Knit side Measurement condition: 7kPa friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,509 Mass 1.3 [kg/m2]	oper	Minimum pulley dia.		
friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,509  Mass 1.3 [kg/m2]	P			
Mass 1.3 [kg/m2]				Measurement condition: 7kPa, 1mm/s
				Ambient condition: 23°C,50%R.H.
Features		Mass	1.3 [kg/m2]	
	Features			
NITTA CORPORATION Industrial Produc			NITTA CORPORATION	Industrial Products Div.
The contents of this TDS may be changed without notice.	The c	contents of this TDS may be c	ged without notice.	

Technical PolySprint™	
Data Sheet  PS-002  TA12	NITTA
Transport     Bookbinding machine  Applications	
Item Description	Remarks
Construction 1	①TPU (Taffeta surface,Blue) ②Conductive TPU (Textured surface,Black)
Antistatic Yes	
width 10 to 550 [mm]	
Length 400 to 100,000 [mm]  Thickness 1.2 [mm]	
Thickness 1.2 [mm]	
Joint Finger Joint (standard dimension: 10W * 30L)	
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.
Tension at 5 [%]  Minimum pulley dia.  Operating temp.  7. [N/mm] (after 200hours running-in)  \$\psi_{12} \text{\$\text{\$0\$}} \text{\$\text{\$\text{\$0\$}}} \text{\$\text{\$\text{\$0\$}}} \text{\$\text{\$\text{\$0\$}}} \text{\$\text{\$\text{\$0\$}}} \text{\$\text{\$\text{\$0\$}}} \text{\$\text{\$\text{\$\text{\$0\$}}} \text{\$\text{\$\text{\$\text{\$\text{\$0\$}}}} \$\text{	
Operating temp20 to +60 [°C]	
Coefficient of 0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Blue side	Measurement condition: 7kPa, 1mm/s
friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side	Ambient condition: 23°C,50%R.H.
Mass 1.1 [kg/m2]	
Features	
NITTA CORPORATION	Industrial Products Div.
The contents of this TDS may be changed without notice.	

	Technical I	olySprint <sup>TM</sup>	Ver.2016-1
	Data Sheet PS-039		NITTA
	Applications	• Postal	
	Item	Description	Remarks
Specification	Construction	1 2 3 4 *********************************	①NBR (Textured surface,Blue) ②TPU ③Knit ④TPU (Taffeta surface,Blue)
	Antistatic	Yes	
S	Width	10 to 520 [mm]	
Dimensions	Length	4 <mark>00</mark> to 100,000 [mm]	
imer	Thickness	1.3 [mm]	
	Joint	Finger Joint	
	<b>—</b> II . II	(standard dimension: 10W * 30L)	
	Tensile strength	10 [N/mm]	Test speed: 50mm/min
	Elongation at break	50 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	5 [%]	Ambient condition, 2200 500/ D.H.
erties	Tension at 5 [%]	0.6 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	φ25 [mm] -20 to +60 [°C]	
Г.	Operating temp.  Coefficient of	0.8 to 0.9 (Paper) /0.7 to 0.8(Steel) NBR side	Measurement condition: 7kPa, 1mm/s
	friction	0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) TPU side	Ambient condition: 23°C,50%R.H.
	Mass	1.4 [kg/m2]	Ambient condition. 25 G,507/61C.Fr.
Features		NITTA CORPORATION	Industrial Products Div.

TAO9		Technical	Po	lySprint <sup>TM</sup>	Ver.2016-1
Applications    Team		Data Sheet			NITTA
Construction  Antistatic  Yes  Width  Length  Antickness  Joint  Finger Joint (standard dimension-10W * 30L)  Antion to 50 [%]  Finger Joint (standard dimension-10W * 30L)  Antient condition: 23°C,50%R.H.  Elongation at break  Standard elongation  Tension at 5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of 10,7 to 0.8 (Paper) /0.3 to 0.4 (Steet) Blue side Infotion (Joint Mass)  NITTA CORPORATION  Industrial Products D		Applications			
Construction  Antistatic  Yes  Width  10 to 550 [mm]  Length  Thickness  Joint  Tensile strength  Elongation at break  500 [%]  Ambient condition: 23°C,50%R.H.  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  NITTA CORPORATION  Industrial Products D		Item		Description	Remarks
Width	Specification	Construction			(Taffeta surface,Blue) ②Conductive TPU
Length		Antistatic		Yes	
Joint  Finger Joint (standard dimension: 10W * 30L)  & Skiver Joint  Tensile strength  Elongation at break  Standard elongation  Tension at 5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  Oe to 0.7 (Paper) /0.3 to 0.4(Steel)  Mass  NITTA CORPORATION  Industrial Products D	SL	Width		10 to 550 [mm]	
Joint  Finger Joint (standard dimension: 10W * 30L)  & Skrver Joint  Tensile strength  Elongation at break  Standard elongation  Tension at 5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  Oe to 0.7 (Paper) /0.3 to 0.4(Steel)  Mass  NITTA CORPORATION  Industrial Products D	nsio	Length	C		
Joint  Finger Joint (standard dimension: 10W * 30L)  & Skiver Joint  Tensile strength  Elongation at break  Standard elongation  Tension at 5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction  Mass  Oe to 0.7 (Paper) /0.3 to 0.4(Steel)  Mass  NITTA CORPORATION  Industrial Products D	Jime	Thickness		0. <b>9 [</b> mm]	
Elongation at break  Standard elongation  Tension at 5 [%]  Minimum pulley dia.  Operating temp.  Coefficient of friction		Joint			
Standard elongation  Tension at 5 [%]  Ambient condition: 23°C,50%R.H.  Minimum pulley dia.  Operating temp.  Coefficient of 0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Blue side friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H.  Mass  NITTA CORPORATION  Industrial Products D		Tensile strength		20 [N/mm]	Test speed: 50mm/min
Tension at 5 [%]  Operating temp.  Coefficient of friction Mass  Operating temp.  Operating		Elongation at break		500 [%]	Ambient condition: 23°C,50%R.H.
Minimum pulley dia.  Operating temp. Coefficient of		Standard elongation		5[%]	
Coefficient of friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Blue side Ambient condition: 7kPa, 1m 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H 0.9 [kg/m2]	ies	Tension at 5 [%]		0.5 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Coefficient of friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Blue side Ambient condition: 7kPa, 1m 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H 0.9 [kg/m2]	реп	Minimum pulley dia.		φ20 [mm]	
friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Ambient condition: 23°C,50%R.H.  Mass 0.9 [kg/m2]  NITTA CORPORATION Industrial Products D	Ā	Operating temp.		-20 to +60 [°C]	
Mass 0.9 [kg/m2]  NITTA CORPORATION Industrial Products D		Coefficient of		0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Blue side	Measurement condition: 7kPa, 1mm/s
NITTA CORPORATION Industrial Products D				0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side	Ambient condition: 23°C,50%R.H.
NITTA CORPORATION Industrial Products D		Mass		0.9 [kg/m2]	
NITTA CORPORATION Industrial Products D The contents of this TDS may be changed without notice.	Features				
The contents of this TDS may be changed without notice.				NITTA CORPORATION	Industrial Products Div.
	The c	ontents of this TDS may be ch	nang	ed without notice.	

### PolySprint TM **Technical Data Sheet** TA12-BK Belt PS-090 Transport **Applications** Item Description Remarks ①TPU (Taffeta surface, Transparent) Specification 2Conductive TPU (Textured surface, Black) Construction Antistatic Yes Width 10 to 550 [mm] Dimensions Length 400 to 100,000 [mm] Thickness 1.2 [mm] Finger Joint (standard dimension: 10W \* 30L) Joint & Skiver Joint 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 0.7 to 0.8 (Paper) /0.3 to 0.4(Steel) Transparent side Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H. friction 0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side Mass 1.1 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

			Ver.2018-0 <sup>2</sup>
		ITTA BELT POLY	
	Data Sheet P-271	TAIR-250	NITTA
	Applications	A Paper Conveying Belt for Printing Applications. Supporting Conveyor.	
	Item	Description	Remarks
Specification	Construction	1) 2) 3)  4	①NBR (Textured Pattern, Green) ②PA Fabric ③PA Film ④PA Fabric (Blue)
	Antistatic	Yes	
Su	Width	10 to 280 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
Jime	Thickness	1.0 [mm]	
	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A	
	Tensile strength	60 [N/mm]	Test speed: 50mm/min
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]	
.0	Tension at 1 [%]	1.5 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	25 [mm]	
<u>.</u>	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.2 to 0.25(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.
	Mass	1.1 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div

### **Technical NITTA BELT POLY Data Sheet** Belt type **TAIR-350** P-151 A Paper Conveying Belt for Printing Applications. Book Making Machines. Table Supporting Conveyor. **Applications** Remarks Item Description ①NBR (Textured Pattern, Green) ②PA Fabric Specification 1 ③PA Film Construction 4PA Fabric (Blue) Antistatic Yes Width 6 to 305 [mm] Dimensions Length 300 to 105,000 [mm] Thickness 1.15 [mm] Skived joint Joint Adhesive Polybond A 105 [N/mm] Test speed: 50mm/min Tensile strength Elongation at break Ambient condition: 23°C,50%R.H. 20 [%] Standard elongation 1 [%] Ambient condition: 23°C,50%R.H. Tension at 1 [%] 2.6 [N/mm] Properties Minimum pulley dia. 30 [mm] -20 to +80°C Operating temp. Coefficient of 0.5 to 0.6(Steel) (Green side) Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25(Steel) (Fabric side) Ambient condition: 23°C,50%R.H. Mass 1.2 [kg/m2] NITTA CORPORATION Industrial Products Div.

	Technical	olySprint <sup>TM</sup>	Ver.2016-1
	Data Sheet PS-006	TC	NITTA
	Applications	• Postal	
	ltem	Description	Remarks
Specification	Construction		①TPU (Taffeta surface,Green) ②Conductive TPU (Textured surface,Black)
	Antistatic	Yes	
Su	Width	10 to 1,000 [mm]	
Dimensions	Length	4 <mark>00</mark> to 100,000 [mm]	
Jime	Thickness	1.4 [mm]	
	Joint	Finger Joint (standard dimension: 10W * 30L)  & Skiver Joint	
	Tensile strength	30 [N/mm]	Test speed: 50mm/min
	Elongation at break	500 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	5 [%]	
ties	Tension at 5 [%]	0.8 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	φ40 [mm]	
Pr	Operating temp.	-20 to +60 [°C]	
	Coefficient of	0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Green side	Measurement condition: 7kPa, 1mm/s
	friction	0.6 to 0.7 (Paper) /0.3 to 0.4(Steel) Black side	Ambient condition: 23°C,50%R.H.
	Mass	1.5 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div.
The c	ontents of this TDS may be ch	nged without notice.	

	Tochnical	ITTA DEL T DOLV	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet	TFL-10S	NITTA
	Applications		
	ltem	Description	Remarks
Specification	Construction	The state of the s	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)
	Antistatic	Yes	
တ္	Width	6 to 325 [mm]	
sion	Length	500 to 105,000 [mm]	
Dimensions	Thickness	2.6 [mm]	
Ο	Joint	Skived joint  Adhesive Polybond A and E	•
	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.
Properties	Minimum pulley dia.	100 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Dark Blue side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Gray side)	Ambient condition: 23°C,50%R.H.
	Mass	2.8 [kg/m2]	
Features			
			Industrial Products Div.

	Technical N	ITTA BELT POLY	Ver.2018-01
	Data Sheet P-282	TFL-10SH	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 2 4	①Soft NBR (Taffeta Structured, Green) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Gray)
	Antistatic	Yes	
SI	Width	10 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
imer	Thickness	2.6 [mm]	
	Joint	Skived joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	70 [mm]	
ъ.	Operating temp.	-20 to +80°C	
	Coefficient of	0.7 to 0.8(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.7 to 0.8(Steel) (Gray side)	Ambient condition: 23°C,50%R.H.
	Mass	2.8 [kg/m2]	
Features			
		NUTTA CORROBATION	
		NITTA CORPORATION	Industrial Products Div

	Technical	Po	lySprint <sup>TM</sup>	Ver.2016-4
	Data Sheet PS-042	elt type	TFL-15E20	NITTA
			Tangential machine for textile	
	Applications			
	Item		Description	Remarks
Specification	Construction		1 2 3 **********************************	①NBR (Taffeta surface,Dark Blue) ②TPU ③PES fabric ④NBR (Textured surface,Black)
	Antistatic		Yes	
SU	Width	F	10 to 500 [mm]	
Dimensions	Length		1000 to 200,000 [mm]	
Jime	Thickness		2. <b>0 [</b> mm]	
	Joint		Finger Joint (standard dime <mark>ns</mark> ion: 10W * 120L)	
	Tensile strength		150 [N/mm]	Test speed: 50mm/min
	Elongation at break		10 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation		1[%]	
ies	Tension at 1 [%]		15 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.		φ40 [mm]	
Pro	Operating temp.		0 to +60 [°C]	
	Coefficient of		0.5 to 0.6(Steel) Blue side	Measurement condition: 7kPa, 1mm/s
	friction		0.5 to 0.6(Steel) Black side	Ambient condition: 23°C,50%R.H.
	Mass		2.3 [kg/m2]	
Features				
			NITTA CORPORATION	Industrial Products Div.
The c	contents of this TDS may be c	hang	ed without notice.	

### PolySprint TM **Technical Data Sheet** TFL-15E25 Belt PS-082 · Tangential machine for textile **Applications** Item Description Remarks 1)NBR (Taffeta surface, Dark Blue) ②TPU Specification 3PES fabric Construction 4)NBR (Textured surface, Black) Antistatic Yes Width 10 to 500 [mm] Dimensions Length 1000 to 200,000 [mm] Thickness 2.5 [mm] Finger Joint Joint (standard dimension: 10W \* 120L) 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 0.5 to 0.6(Steel) Blue side Measurement condition: 7kPa, 1mm/s friction 0.5 to 0.6(Steel) Black side Ambient condition: 23°C,50%R.H. Mass 3.0 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

	Toohnigal	ITTA DEL T DOLV	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet	TFL-15S	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (4)	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)
	Antistatic	Yes	
SI	Width	20 to 325 [mm]	
sion	Length	800 to 105,000 [mm]	
Dimensions	Thickness	3.1 [mm]	
	Joint	Skived joint  Adhesive Polybond A and E	•
	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.
Properties	Minimum pulley dia.	150 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Dark Blue side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Gray side)	Ambient condition: 23°C,50%R.H.
	Mass	3.4 [kg/m2]	
Features			
		and without notice	Industrial Products Div

	Technical N	ITTA BELT POLY	Ver.2018-0 <sup>2</sup>
	_		Aug c
	Data Sheet	TFL-15SH	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 2 14	①Soft NBR (Taffeta Structured, Green) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Gray)
	Antistatic	Yes	
Su	Width	10 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
Jime	Thickness	3.1 <mark>[m</mark> m]	
	Joint	Skived joint  Adhesive Polybond A and E	
	Tensile strength	600 [N/mm]	Test speed: 50mm/min
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	2 [%]	
S	Tension at 2 [%]	30 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	110 [mm]	
а.	Operating temp.	-20 to +80°C	
	Coefficient of	0.7 to 0.8(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.7 to 0.8(Steel) (Gray side)	Ambient condition: 23°C,50%R.H.
	Mass	3.4 [kg/m2]	
Features			
		NUTTA CORROBATION	Industrial Declarate Di
	contents of this TDS may be chan	NITTA CORPORATION	Industrial Products Div

	Toohnical	ITTA DEL T DOL V	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet	TFL-18S	NITTA
	Applications		
	ltem	Description	Remarks
Specification	Construction	The state of the s	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)
	Antistatic	Yes	
တ္	Width	20 to 325 [mm]	
sion	Length	800 to 105,000 [mm]	
Dimensions	Thickness	3.35 [mm]	
Ω	Joint	Skived joint  Adhesive Polybond A and E	•
	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.
Properties	Minimum pulley dia.	175 [mm]	
ш	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Dark Blue side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Gray side)	Ambient condition: 23°C,50%R.H.
	Mass	3.7 [kg/m2]	
Features			
			Industrial Products Div.

### PolySprint TM **Technical Data Sheet** TFL-22E26-2 Belt t PS-076 ·Textile machine · Power transmission **Applications** Description Item Remarks 1)NBR (Taffeta surface, Dark Blue) ②TPU Specification ③PES fabric Construction **4**NBR **.** (Textured surface, Black) Antistatic Yes Width 10 to 500 [mm] Dimensions 1000 to 200,000 [mm] Length Thickness 2.**6 [**mm] Finger Joint Joint (standard dimension: 10W \* 120L) 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] 0 to +60 [°C] Operating temp. Coefficient of 0.5 to 0.6(Steel) Blue side Measurement condition: 7kPa, 1mm/s friction 0.5 to 0.6(Steel) Black side Ambient condition: 23°C,50%R.H. Mass 3.1 [kg/m2] NITTA CORPORATION Industrial Products Div.

#### **Technical NITTA BELT POLY Data Sheet** Belt type TFL-3SH P-061 Sectional Tangential Drive Post office Machines **Applications** Item Remarks Description ①Soft NBR (Taffeta Structured, Green) Specification ②PA Fabric (1)Construction ③PA Film 4)Soft NBR (Textured Pattern, Gray) Antistatic Yes Width 6 to 325 [mm] Dimensions Length 300 to 105,000 [mm] Thickness 2.0 [mm] Skived joint Joint Adhesive Polybond A and E 138 [N/mm] Tensile strength Test speed: 50mm/min Ambient condition: 23°C,50%R.H. Elongation at break 20 [%] Standard elongation 2 [%] 6.8 [N/mm] Tension at 2 [%] Ambient condition: 23°C,50%R.H. Minimum pulley dia. 35 [mm] Operating temp. -20 to +80°C Coefficient of 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s (Green side) friction 0.7 to 0.8(Steel) (Gray side) Ambient condition: 23°C,50%R.H. Mass 2.0 [kg/m2] Higher friction coefficient of the surface . Features **Industrial Products Div.**

	Tachnical	TTA DELT DOLV	Ver.2016-02
		TTA BELT POLY	
	Data Sheet P-061	TFL-6S	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	(1) (2) (3) (4)	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)
	Antistatic	Yes	
တ္တ	Width	6 to 325 [mm]	
Dimensions	Length	500 to 105,000 [mm]	
men	Thickness	2.25 [mm]	
Ö	Joint	Skiv <b>ed</b> joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	60 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Dark Blue side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Gray side)	Ambient condition: 23°C,50%R.H.
	Mass	2.4 [kg/m2]	
Features			
			Industrial Products Div

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		IITTA BELT POLY	
	Data Sheet	TFL-6SH	NITTA
		Sectional Tangential Drive. Post Office Machines.	
	Applications		
	Item	Description	Remarks
Specification	Construction	1) 2) 3) ANALYZYANANANANANANANANANANANANANANANANANANA	①Soft NBR (Taffeta Structured, Green) ②PA Fabric ③PA Film ④Soft NBR (Textured Pattern, Gray)
	Antistatic	Yes	
SL	Width	10 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
ime	Thickness	2.25 [mm]	
	Joint	Skived joint  Adhesive Polybond A and E	•
	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.
Properties	Minimum pulley dia.	40 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.7 to 0.8(Steel) (Green side)	Measurement condition: 7kPa, 1mm/s
	friction	0.7 to 0.8(Steel) (Gray side)	Ambient condition: 23°C,50%R.H.
	Mass	2.4 [kg/m2]	
Features			
		NITTA CORROBATION	
		NITTA CORPORATION	Industrial Products I

	Tochnical	ITTA DELT DOLV	Ver.2016-02
		ITTA BELT POLY	
	Data Sheet P-063	TFL-7S	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)
	Antistatic	Yes	
တ္	Width	6 to 325 [mm]	
sion	Length	500 to 105,000 [mm]	
Dimensions	Thickness	2.4 [mm]	
Ω	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.
Properties	Minimum pulley dia.	75 [mm]	
₾.	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Dark Blue side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Gray side)	Ambient condition: 23°C,50%R.H.
	Mass	2.6 [kg/m2]	
Features			
			Industrial Products Div.

	Tablesian		Ver.2016-02
		TTA BELT POLY	
	Data Sheet	TFM-15S	NITTA
	Applications		
	Item	Description	Remarks
Specification	Construction	1) 2) 3)	①NBR (Taffeta Structured, Dark Blue) ②PA Fabric ③PA Film ④NBR (Textured Pattern, Gray)
	Antistatic	Yes	
SI	Width	20 to 325 [mm]	
Dimensions	Length	800 to 105,000 [mm]	
imer	Thickness	3.7 <mark>[m</mark> m]	
٥	Joint	Skived joint  Adhesive Polybond A and E	•
	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.
Properties	Minimum pulley dia.	150 [mm]	
<u> </u>	Operating temp.	-20 to +80°C	
	Coefficient of	0.5 to 0.6(Steel) (Dark Blue side)	Measurement condition: 7kPa, 1mm/s
	friction	0.5 to 0.6(Steel) (Gray side)	Ambient condition: 23°C,50%R.H.
	Mass	4.1 [kg/m2]	
Features			
			Industrial Products Div.

		ITTA BELT POLY	
	Data Sheet	TTA-1000	NITTA
		A Belt for Accumulation Conveyors.	
	Applications		
	Item	Description	Remarks
Specification	Construction	1) 2	①PA Fabric (Blue) ②PA Film ③PA Fabric (Blue)
	Antistatic	No	
SI	Width	10 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
imer	Thickness	1.8 [mm]	
	Joint	Skived joint  Adhesive Polybond A	
	Tensile strength	300 [ <b>N</b> /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.
Properties	Minimum pulley dia.	60 [mm]	
ш.	Operating temp.	-20 to +80°C	
	Coefficient of	0.2 to 0.25(Steel) (Blue side)	Measurement condition: 7kPa, 1mm/s
	friction	0.2 to 0.25(Steel) (Blue side)	Ambient condition: 23°C,50%R.H.
	Mass	1.7 [kg/m2]	
Features	Both Sides are Covered by Lo	ow Coefficient of Friction Fabrics. Both Fabric sides are	Non-Fray Treated.
	<u></u>	NITTA CORPORATION	Industrial Products Div

### **Technical NITTA BELT POLY Data Sheet** Belt type TTA-1500 P-274 A Belt for Accumulation Conveyors. **Applications** Item Remarks Description ①PA Fabric (Blue) ②PA Film Specification ③PA Fabric Construction (Blue) Antistatic No Width 10 to 300 [mm] Dimensions Length 300 to 100,000 [mm] Thickness 2.3 [mm] Skived joint Joint Adhesive Polybond A 450 [N/mm] Tensile strength Test speed: 50mm/min Ambient condition: 23°C,50%R.H. Elongation at break 20 [%] Standard elongation 1 [%] Tension at 1 [%] Ambient condition: 23°C,50%R.H. 11.2 [N/mm] Properties Minimum pulley dia. 80 [mm] -20 to +80°C Operating temp. Coefficient of 0.2 to 0.25(Steel) (Blue side) Measurement condition: 7kPa, 1mm/s friction Ambient condition: 23°C,50%R.H. 0.2 to 0.25(Steel) (Blue side) Mass 2.2 [kg/m2] Both Sides are Covered by Low Coefficient of Friction Fabrics. Both Fabric sides are Non-Fray Treated. NITTA CORPORATION Industrial Products Div.

			Ver.2018-01
	Technical	ITTA BELT POLY	
	Data Sheet P-265	TTA-350SN	NITTA
	Applications		
	Item	Description	Remarks
tion			①PA Fabric (Blue, Treated) ②PA Film
Specification	Construction	2  Saladadadadadadadadadadadadadadadadadada	③PA Fabric (Blue, Treated)
	Antistatic	No	
SI	Width	10 to 300 [mm]	
sion	Length	300 to 100,000 [mm]	
Dimensions	Thickness	1.1 [mm]	
О	Tains	Skived joint	
	Joint	Adhesive Polybond A	
	Tensile strength	135 [N/mm]	Test speed: 50mm/min
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]	
<b>(0</b>	Tension at 1 [%]	3.4 [N/mm]	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	30 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.2 to 0.3(Steel) (Fabric side)	Measurement condition: 7kPa, 1mm/s
	friction	0.2 to 0.3(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.
	Mass	1.05 [kg/m2]	
Features	Folder Belt in Web Off-set	inter, Superior Wear Resistance	
		NITTA CORPORATION	Industrial Products Div

### **Technical NITTA BELT POLY Data Sheet** Belt type TTA-500 P-272 A Belt for Accumulation Conveyors. **Applications** Item Remarks Description ①PA Fabric (Blue) ②PA Film Specification ③PA Fabric Construction (Blue) Antistatic No Width 5 to 300 [mm] Dimensions 300 to 100,000 [mm] Length Thickness 1.3 [mm] Skived joint Joint Adhesive Polybond A 150 [N/mm] Tensile strength Test speed: 50mm/min Ambient condition: 23°C,50%R.H. Elongation at break 20 [%] Standard elongation 1 [%] Tension at 1 [%] Ambient condition: 23°C,50%R.H. 3.8 [N/mm] Properties Minimum pulley dia. 40 [mm] -20 to +80°C Operating temp. Coefficient of 0.2 to 0.25(Steel) (Blue side) Measurement condition: 7kPa, 1mm/s friction Ambient condition: 23°C,50%R.H. 0.2 to 0.25(Steel) (Blue side) Mass 1.2 [kg/m2] Both Sides are Covered by Low Coefficient of Friction Fabrics. Both Fabric sides are Non-Fray Treated. NITTA CORPORATION Industrial Products Div.

	Technical	Po	lySprint <sup>TM</sup>	Ver.2016-1
	Data Sheet PS-056		TTP-8E18N	NITTA
	Applications		Gravure Printing Machine (Paper folding part)	
	Item		Description	Remarks
Specification	Construction		1 2 2 3 ********************************	①Special PA fabric (Purple) ②TPU ③PES fabric ④Special PA fabric (White)
	Antistatic		Yes	
ns	Width	E	10 to 500 [mm]	
Dimensions	Length	C	1000 to 100,000 [mm]	
Jime	Thickness		1. <b>8 [</b> mm]	
	Joint		Finger Joint (standar <mark>d</mark> dim <mark>ens</mark> ion: 10W * 70L)	Finger Joint 5Wx35L applicable (Less than 1% elongation)
	Tensile strength	1	140 [N/mm]	Test speed: 50mm/min
	Elongation at break		13 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation		1[%]	
ies	Tension at 1 [%]		8 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.		φ40 [mm]	
Pro	Operating temp.		-20 to +60 [°C]	
	Coefficient of		0.2 to 0.3 (Paper) Purple side	Measurement condition: 7kPa, 1mm/s
	friction		0.15 to 0.25(Steel) White side	Ambient condition: 23°C,50%R.H.
	Mass		1.8 [kg/m2]	
Features				
			NITTA CORPORATION	Industrial Products Div.
The c	ontents of this TDS may be cl	hang	ed without notice.	

	Toohnigal	L.C. · .TM	Ver.2016-1
		olySprint <sup>TM</sup>	DUTT O
	Data Sheet PS-055	TTZ-4E10LF	NITTA
		Printing machine	
		(for offset folder)	
	Applications	Bookbinding machine	
	Item	Description	Remarks
			①Special PA fabric
			(White)
ation			②TPU ③PES fabric
Specification	Construction	2 Service hair from the front of the first o	Special PA fabric
Spe		3	(NBR coating,Green)
		4 DAI EC	
		JA.	
	Antistatic	Yes	
ω	Width	10 to 500 [mm]	
Dimensions	Length	400 to 200,000 [mm]	
Jime	Thickness	1.0 [mm]	
	laint.	Finger Joint	
	Joint	(standard dimension: 10W * 30L)	
	Tensile strength	80 [N/mm]	Test speed: 50mm/min
	Elongation at break	12 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]	
Se	Tension at 1 [%]	4 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	φ30 [mm] (Finger Joint)	
Prop			
	Operating temp.	-20 to +60 [°C]	
	Coefficient of	0.2 to 0.3 (Paper) 0.15-0.25(Steel) White side	Measurement condition: 7kPa, 1mm/s
	friction	0.6 to 0.7 (Paper) 0.3-0.4(Steel) Green side	Ambient condition: 23°C,50%R.H.
	Mass	1.0 [kg/m2]	
es			
Features			
Fe			
		NITTA CORPORATION	Industrial Products Div.

### **Technical** NLGTM **Data Sheet** VRT-14A Belt C-021 · Inclined and declined conveyor Conveyor for heavyweight material **Applications** Remarks Item Description ①PVC (Rough top, Green) Specification 2PES Fabric (White) Construction Antistatic Yes 10 to 2,000 [mm] Width Dimensions 700 to 100,000 [mm] Length Thickness 5.5 [mm] Finger Joint Joint or Step Joint 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 [%] Ambient condition: 23°C,50%R.H. Tension at 0.5 [%] 2 [N/mm] Properties Ø60 [mm] (Finger Joint) Minimum pulley dia. Ø80 [mm] (Step Joint) Operating temp. -10 to 70 [°C] Coefficient of Over 1.0 (Steel) PVC side Measurement condition: 7kPa, 1mm/s friction 0.2 to 0.25 (Steel) Fabric side Ambient condition: 23°C,50%R.H. Mass 4.4 [kg/m<sup>2</sup>] NITTA CORPORATION **Industrial Products Div**

	Technical	N	LG <sup>TM</sup>	Ver.2016-1
	Data Sheet	Delt type	VRT-20A	NITTA
	Applications		Inclined and declined conveyor     Conveyor for heavyweight material	
	Item		Description	Remarks
Specification	Construction		2	①PVC (Rough top, Green) ②PES Fabric (White)
	Antistatic	4	Yes	
ns	Width		10 to 2,000 [mm]	
Dimensions	Length		700 to 100,000 [mm]	
Dime	Thickness  Joint		5.5 [mm] Finger Joint or Step Joint	
	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.
Properties	Minimum pulley dia.		Ø60 [mm] (Finger Joint) Ø80 [mm] (Step Joint)	
<u>q</u>	Operating temp.		-5 to 70 [°C]	
	Coefficient of		Over 1.0 (Steel) PVC side	Measurement condition: 7kPa, 1mm/
	friction		0.2 to 0.25 (Steel) Fabric side	Ambient condition: 23°C,50%R.H.
	Mass		4.5 [kg/m²]	
Features	TVIAGO		4.5 [rg/m]	
∫he c	ontents of this TDS may b	e chang	NITTA CORPORATION led without notice.	Industrial Products Div

Technical	Sheet		WHNP-12AK	Nitta	Corp. of America
	C-046		(2 LRF 707 NP)		8/6/2008
	ITEM			DESCRIPTIO	N
Belt Structure Specs  Anti-Static  Manuf. Size  Standard			2.7 mm	www	
			Width: 2000 mm  Length: 100 m	NO	78 in 328 ft
	Tensile Strengt	h	80 N/m		457 lbs/in
Belt Properties	Elongation at B Standard Tension		****	0.5 %	
	Working Load a	at 1%	8 N/mn	1	46 lbs/in
	Min. Pulley Dia	ameter	Finger Joint: 30 m Skiver Joint: 50 m		1.18 in 2.0 in
	Temperature Ra	inge	Continuously: -10 t	to +70 °C	14 to 158 °F -4 to 212 °F
	Coefficient of		top: over 1.0	100 100	-4 (0 212 1
	Friction (Steel	)	bottom: 0.2 to 0.25		<u> </u>
	Weight		2.5 kg/n	n <sup>2</sup>	0.51 lbs/ft <sup>2</sup>
	Special Propert	ies	FDA A	Approved Incli	ne Belt

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Fax: (770) 623-1398

Technical	Sheet	7	WHSQ-12AK	Nitta	Corp. of America
		(	2 LRF 705 SQPR)		15/Nov/06
	ITEM		DESC	CRIPTION	I
Belt Specs	Structure		PVC (white) -65°shore A-	0.5mm thi	PVC Layer
	Anti-Static	AAN	C	NO	
Manuf.	Size	7/_	Width: 2000		78
Standard	5		Length: 100 m	3	328 ft
	Tensile Strengt	h _	110 N/mm		629 lbs/in
Belt	Elongation at E	reak		20 %	
Properties	Standard Tensi	on	****	0.5 %	
	Working Load	at 1%	8 N/mm		46 lbs/in
	Min. Pulley Di	ameter	Finger Joint: 40 mm/60	mm	1.5 in/2.4 in
	Flex/Back Flex		Skiver Joint: 80 mm/1	20 mm	3.15 in/4.7 in
	Temperature Ra	ange	Continuously: -10 to +9	0 °C	14 to 194 °F
			Periodically: -20 to +1	00 °C	-4 to 212 °F
	Coefficient of		top: 0.6 to 0.7		
	Friction (STE	EL)	bottom: 0.2 to 0.25		
	Weight		2.4 kg/m²		0.49 lbs/ft <sup>2</sup>
	Special Propert	ies	FDA Appro	ved Inclin	ie Belt

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Technical	Sheet	•	WHSQ-16AK	Nitta	Corp. of America
C-049K			(2 RF 71 SQPR)		8/6/2008
	ITEM		DESC	CRIPTION	ſ
Belt Specs	Structure	N	2.6 mm Polyester F	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PVC Layer
	Anti-Static		8	NO	
Manuf.	Size	//_	Width: 2000 or 3000 mm	1	78 or 118 in
Standard	5		Length: 100 m	4	328 ft
	Tensile Strengtl	1	110 N/mm		629 lbs/in
Belt	Elongation at B	reak		12 %	
Properties	Standard Tensio	n	****	0.5 %	
	Working Load a	t 1%	10 N/mm		57 lbs/in
	Min. Pulley Dia	meter	Finger Joint: 50 mm		2.0 in
		//	Skiver Joint: 80 mm		3.15 in
	Temperature Ra	nge	Continuously: -10 to +7	0 °C	14 to 158 °F
			Periodically: -20 to +1	00 °C	-4 to 212 °F
	Coefficient of		top: 0.6 to 0.7	-	
	Friction (STE	EL)	bottom: 0.2 to 0.25		
	Weight		2.8 kg/m <sup>2</sup>		0.57 lbs/ft <sup>2</sup>
	Special Properti	es	FDA Appro	ved Inclin	e Belt

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# **Technical NITTA BELT POLY** Data Sheet Belt type XH-1000-4 P-058 Belt for Folder Gluer Machines **Applications** Item Description Remarks 1)Soft NBR (Textured Pattern, Blue) ②PA Fabric Specification ③PA Film Construction 4 Soft NBR (Textured Pattern, Blue) Antistatic Yes Width 20 to 320 [mm] **Dimensions** Length 500 to 103,000 [mm] Thickness 4.0 [mm] Skived joint Joint Adhesive Polybond A and E 300 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 7.5 [N/mm] Ambient condition: 23°C,50%R.H. Tension at 1 [%] **Properties** Minimum pulley dia. 75 [mm] Operating temp. -20 to +80°C Coefficient of 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s (Both side) friction Ambient condition: 23°C,50%R.H. Mass 4.4 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

	Technical	Pol	ySprint <sup>TM</sup>	Ver.2016-1
	Data Sheet PS-021		TTF-4E10	NITTA
	Applications		Bookbinding machine     Printing machine	
	Item		Description	Remarks
Specification	Construction		3	①Special PA fabric (Gray) ②TPU ③PES fabric
	Antistatic		Yes	
SL	Width		10 to 340 [mm]	
Dimensions	Length		4 <mark>00</mark> to 100,000 [mm]	
ime	Thickness		1. <b>0 [</b> mm]	
	Joint		Finger Joint (standard dimension: 10W * 30L)	
	Tensile strength		45 [N/mm]	Test speed: 50mm/min
	Elongation at break		13 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation		1[%]	
ies	Tension at 1 [%]		4 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.		φ15 [mm]	
Pro	Operating temp.		-20 to +60 [°C]	
	Coefficient of		0.2 to 0.3 (Paper) /0.1 to 0.2(Steel) Both side	Measurement condition: 7kPa, 1mm/s
	friction			Ambient condition: 23°C,50%R.H.
	Mass		1.0 [kg/m2]	
Features				
			NITTA CORPORATION	Industrial Products Div.
The c	ontents of this TDS may be ch	nange	ed without notice.	

# **Technical NITTA BELT POLY** Data Sheet Belt type XH-500-3 P-048 Belt for Folder Gluer Machines **Applications** Item Description Remarks 1)Soft NBR (Textured Pattern, Blue) ②PA Fabric Specification ③PA Film Construction 4 Soft NBR (Textured Pattern, Blue) Antistatic Yes Width 6 to 320 [mm] **Dimensions** Length 300 to 103,000 [mm] Thickness 3.0 [mm] Skived joint Joint Adhesive Polybond A and E 150 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 3.8 [N/mm] Ambient condition: 23°C,50%R.H. Tension at 1 [%] **Properties** Minimum pulley dia. 50 [mm] Operating temp. -20 to +80°C 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s Coefficient of (Both side) friction Ambient condition: 23°C,50%R.H. Mass 3.4 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

#### **Technical NITTA BELT POLY** Belt type **Data Sheet** XH-500-3-F P-290 Belt for Folder Gluer Machines **Applications** Description Remarks Item ①Soft NBR(FDA) (Textured Pattern, Light Gray) ②PA Fabric Specification (1) ③PA Film Construction 4Soft NBR(FDA) (Textured Pattern, Light Gray) Antistatic Yes Width Dimensions 6 to 320 [mm] Length 300 to 103,000 [mm] Thickness 3.0 [mm] Joint Skived joint Test speed: 50mm/min Tensile strength 150 [N/mm] Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] Ambient condition: 23°C,50%R.H. Tension at 1 [%] 3.8 [N/mm] Minimum pulley dia. 50 [mm] Operating temp. -20 to +80°C Coefficient of 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) (Both side) Measurement condition: 7kPa, 1mm/s friction Ambient condition: 23°C,50%R.H. Mass 3.4 [kg/m2] 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.**

# **Technical NITTA BELT POLY** Data Sheet Belt type XH-500-4 P-050 Belt for Folder Gluer Machines **Applications** Item Description Remarks 1)Soft NBR (Textured Pattern, Blue) ②PA Fabric Specification ③PA Film Construction 4 Soft NBR (Textured Pattern, Blue) Antistatic Yes Width 6 to 320 [mm] **Dimensions** Length 300 to 103,000 [mm] Thickness 4.0 [mm] Skived joint Joint Adhesive Polybond A and E 150 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 3.8 [N/mm] Ambient condition: 23°C,50%R.H. Tension at 1 [%] **Properties** Minimum pulley dia. 60 [mm] Operating temp. -20 to +80°C 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s Coefficient of (Both side) friction Ambient condition: 23°C,50%R.H. Mass 4.3 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

# **Technical NITTA BELT POLY** Data Sheet Belt type XH-500-5 P-051 Belt for Folder Gluer Machines **Applications** Item Description Remarks 1)Soft NBR (Textured Pattern, Blue) ②PA Fabric Specification ③PA Film Construction 4 Soft NBR (Textured Pattern, Blue) Antistatic Yes Width 6 to 320 [mm] **Dimensions** Length 300 to 50,000 [mm] Thickness 5.0 [mm] Skived joint Joint Adhesive Polybond A and E 150 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 3.8 [N/mm] Ambient condition: 23°C,50%R.H. Tension at 1 [%] **Properties** Minimum pulley dia. 70 [mm] Operating temp. -20 to +80°C 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s Coefficient of (Both side) friction Ambient condition: 23°C,50%R.H. Mass 6.8 [kg/m2] Features **NITTA CORPORATION Industrial Products Div.**

# **Technical NITTA BELT POLY** Data Sheet Belt type XH-500-6 P-052 Belt for Folder Gluer Machines **Applications** Item Description Remarks 1)Soft NBR (Textured Pattern, Blue) ②PA Fabric Specification ③PA Film Construction 4 Soft NBR (Textured Pattern, Blue) Antistatic Yes Width 6 to 320 [mm] **Dimensions** 300 to 50,000 [mm] Length Thickness 6.0 [mm] Skived joint Joint Adhesive Polybond A and E 150 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 3.8 [N/mm] Ambient condition: 23°C,50%R.H. Tension at 1 [%] **Properties** Minimum pulley dia. 80 [mm] -20 to +80°C Operating temp. 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s Coefficient of (Both side) friction Ambient condition: 23°C,50%R.H. Mass 7.4 [kg/m2] Features **NITTA CORPORATION Industrial Products Div.**

# **Technical NITTA BELT POLY** Data Sheet Belt type XH-750-3 P-054 Belt for Folder Gluer Machines **Applications** Item Description Remarks 1)Soft NBR (Textured Pattern, Blue) ②PA Fabric Specification ③PA Film Construction 4 Soft NBR (Textured Pattern, Blue) Antistatic Yes Width 6 to 320 [mm] **Dimensions** Length 500 to 103,000 [mm] Thickness 3.25 [mm] Skived joint Joint Adhesive Polybond A and E 225 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 5.6 [N/mm] Ambient condition: 23°C,50%R.H. Tension at 1 [%] **Properties** Minimum pulley dia. 60 [mm] Operating temp. -20 to +80°C 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s Coefficient of (Both side) friction Ambient condition: 23°C,50%R.H. Mass 3.6 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

# **Technical NITTA BELT POLY** Data Sheet Belt type XH-750-4 P-055 Belt for Folder Gluer Machines **Applications** Item Description Remarks 1)Soft NBR (Textured Pattern, Blue) ②PA Fabric Specification ③PA Film Construction 4 Soft NBR (Textured Pattern, Blue) Antistatic Yes Width 6 to 320 [mm] **Dimensions** Length 500 to 103,000 [mm] Thickness 4.25 [mm] Skived joint Joint Adhesive Polybond A and E 225 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 5.6 [N/mm] Ambient condition: 23°C,50%R.H. Tension at 1 [%] **Properties** Minimum pulley dia. 70 [mm] Operating temp. -20 to +80°C 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s Coefficient of (Both side) friction Ambient condition: 23°C,50%R.H. Mass 4.5 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

# **Technical NITTA BELT POLY** Data Sheet Belt type XH-750-5 P-281 Belt for Folder Gluer Machines **Applications** Item Description Remarks 1)Soft NBR (Textured Pattern, Blue) ②PA Fabric Specification ③PA Film Construction 4 Soft NBR (Textured Pattern, Blue) Antistatic Yes Width 6 to 320 [mm] **Dimensions** Length 500 to 50,000 [mm] Thickness 5.25 [mm] Skived joint Joint Adhesive Polybond A and E 225 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 5.6 [N/mm] Ambient condition: 23°C,50%R.H. Tension at 1 [%] **Properties** Minimum pulley dia. 80 [mm] Operating temp. -20 to +80°C 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s Coefficient of (Both side) friction Ambient condition: 23°C,50%R.H. Mass 5.5 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

# **Technical NITTA BELT POLY** Data Sheet Belt type XH-750-6 P-057 Belt for Folder Gluer Machines **Applications** Item Description Remarks 1)Soft NBR (Textured Pattern, Blue) ②PA Fabric Specification ③PA Film Construction 4 Soft NBR (Textured Pattern, Blue) Antistatic Yes Width 6 to 320 [mm] **Dimensions** Length 500 to 50,000 [mm] Thickness 6.25 [mm] Skived joint Joint Adhesive Polybond A and E 225 [N/mm] Tensile strength Test speed: 50mm/min Elongation at break 20 [%] Ambient condition: 23°C,50%R.H. Standard elongation 1 [%] 5.6 [N/mm] Ambient condition: 23°C,50%R.H. Tension at 1 [%] **Properties** Minimum pulley dia. 90 [mm] Operating temp. -20 to +80°C 0.8 to 0.9(Paper) / 0.7 to 0.8(Steel) Measurement condition: 7kPa, 1mm/s Coefficient of (Both side) friction Ambient condition: 23°C,50%R.H. Mass 7.6 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**

	Technical Po	plySprint <sup>TM</sup>	Ver.2020-1
	Data Sheet  PS-019	XH-8E30	NITTA
	Applications	• Folder gluer	
	Item	Description	Remarks
Specification	Construction	3	①NBR (Textured surface,Blue) ②TPU ③PES fabric
	Antistatic	Yes	
SL	Width	10 to 500 [mm]	
Dimensions	Length	1000 to 100,000 [mm]	1
Dime	Thickness Joint	3.0 [mm]  Finger Joint  (standard dimension: 10W * 70L)	
	Tensile strength	150 [N/mm]	Test speed: 50mm/min
	Elongation at break	/R <sub>13</sub> [%] SN	Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]	
ies	Tension at 1 [%]	8 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	φ40 [mm]	
Pro	Operating temp.	-20 to +60 [°C]	
	Coefficient of	0.8 to 0.9 (Paper) /0.7 to 0.8(Steel) Both side	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	3.5 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div.

	Table		Ver.2020-1
		olySprint <sup>TM</sup>	NUTTA
	Data Sheet PS-029	XH-8E40	NITTA
		Folder gluer	
	Applications		
	Item	Description	Remarks
Specification	Construction	3	①NBR (Textured surface,Blue) ②TPU ③PES fabric
	Antistatic	Yes	
S	Width	10 to 500 [mm]	
Dimensions	Length	1000 to 45,000 [mm]	
imen	Thickness	4.0 [mm]	
Q	Joint	Finger Joint (standard dimension: 10W * 70L)	
	Tensile strength	150 [N/mm]	Test speed: 50mm/min
	Elongation at break	R <sub>13</sub> [%] 5	Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]	
ties	Tension at 1 [%]	8 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	φ50 [mm]	
Ā	Operating temp.	-20 to +60 [°C]	
	Coefficient of	0.8 to 0.9 (Paper) /0.7 to 0.8(Steel) Both side	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	4.4 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div.

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	Data Sheet	XH-8E55	NITTA
	PS-031		
		Folder gluer	
	Applications		
	lto me	Description	Demonto
	ltem	Description	Remarks
Specification	Construction	3	①NBR (Textured surface,Blue) ②TPU ③PES fabric
	Antistatic	Yes	
(0	Width	10 to 500 [mm]	,
Dimensions	Length	1000 to 45,000 [mm]	
men	Thickness	5.5 [mm]	
iΩ	Joint	Finger Joint (standard dimension: 10W * 70L)	
	Tensile strength	150 [N/mm]	Test speed: 50mm/min
	Elongation at break	R13 [%] 5 N	Ambient condition: 23°C,50%R.H.
	Standard elongation	1 [%]	
ies	Tension at 1 [%]	8 [N/mm] (after 200hours running-in)	Ambient condition: 23°C,50%R.H.
Properties	Minimum pulley dia.	φ80 [mm]	
Pro	Operating temp.	-20 to +60 [°C]	
	Coefficient of	0.8 to 0.9 (Paper) /0.7 to 0.8(Steel) Both side	Measurement condition: 7kPa, 1mm/s
	friction		Ambient condition: 23°C,50%R.H.
	Mass	6.5 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div.

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		TTA BELT POLY	<b>A</b>	
		XHTA-1000-6	NITTA	
	Applications			
	Item	Description	Remarks	
Specification	Construction	1 2 3 4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④PA Fabric (Blue)	
	Antistatic	Yes		
SU	Width	5 to 300 [mm]		
Dimensions	Length	300 to 100,000 [mm]		
ime	Thickness	6 [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	1 [%]		
"	Tension at 1 [%]	7.5 [N/mm]	Ambient condition: 23°C,50%R.H.	
Properties	Minimum pulley dia.	80 [mm]		
ш	Operating temp.	-20 to +80°C		
	Coefficient of	0.7 to 0.8(Steel) (Rubber side)	Measurement condition: 7kPa, 1mm/s	
	friction	0.2 to 0.3(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.	
	Mass	6.3 [kg/m2]		
Features				
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			Ver.2018-01
		ITTA BELT POLY	
	Data Sheet	XHTA-500-4	NITTA
Applications			
	Item	Description	Remarks
Specification	Construction	1 2 3 4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④PA Fabric (Blue)
	Antistatic	Yes	
Si	Width	5 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
imer	Thickness	4 [mm]	
	Joint	Skived joint  Adhesive Polybond A and E	
	Tensile strength	150 [ <b>N</b> /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.
Properties	Minimum pulley dia.	60 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.7 to 0.8(Steel) (Rubber side)	Measurement condition: 7kPa, 1mm/s
	friction	0.2 to 0.3(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.
	Mass	4.2 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div

			Ver.2018-01
		ITTA BELT POLY	
	Data Sheet P-276	XHTA-750-4	NITTA
Applications			
	Item	Description	Remarks
Specification	Construction	1 2 3 4	①NBR (Textured Pattern, Blue) ②PA Fabric ③PA Film ④PA Fabric (Blue)
	Antistatic	Yes	
દ	Width	5 to 300 [mm]	
Dimensions	Length	300 to 100,000 [mm]	
ime	Thickness	4 [mm]	
	Joint	Skived joint  Adhesive Polybond A and E	
	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.
Properties	Minimum pulley dia.	70 [mm]	
	Operating temp.	-20 to +80°C	
	Coefficient of	0.7 to 0.8(Steel) (Rubber side)	Measurement condition: 7kPa, 1mm/s
	friction	0.2 to 0.3(Steel) (Fabric side)	Ambient condition: 23°C,50%R.H.
	Mass	4.2 [kg/m2]	
Features			
		NITTA CORPORATION	Industrial Products Div

### PolySprint TM **Technical Data Sheet** XHTG-15E34 Belt PS-083 · Table supporting conveyer **Applications** Item Description Remarks **1NBR** (Textured surface, Blue) Specification ②PES fabric (White) Construction ③TPU Antistatic Yes Width 10 to 480 [mm] Dimensions Length 1,000 to 95,000 [mm] Thickness 3.4 [mm] Finger Joint Joint (standard dimension: 10W \* 120L) 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 0.8 to 0.9 (Paper) Blue side Measurement condition: 7kPa, 1mm/s friction Ambient condition: 23°C,50%R.H. 0.2 to 0.25(Steel) fabric side Mass 4.1 [kg/m2] Features NITTA CORPORATION **Industrial Products Div.**