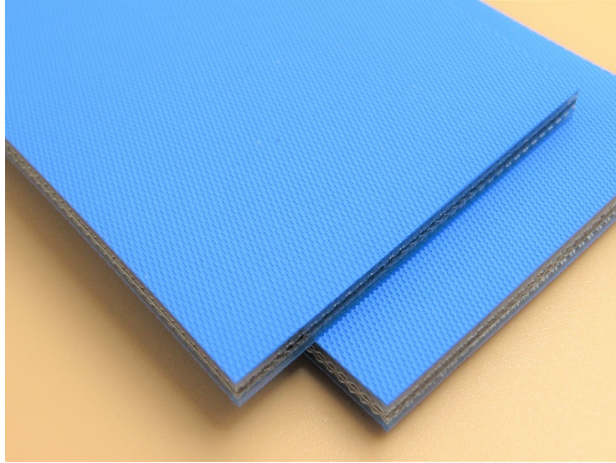


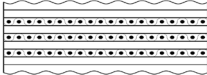
<b>Technical Datasheet</b>	<i>PolySprint™</i> Belt type	<b>Power Transmission and Conveyor Belt</b>  <b>XH-8E40</b>	PS-029 Ver.6
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### Applications

- Folder gluer
- Woodworking machine
- Medium duty conveyor

### Construction



<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Top side</td> <td style="text-align: center;">Bottom side</td> </tr> <tr> <td style="text-align: center; border-bottom: 1px solid black;">NBR</td> <td style="text-align: center; border-bottom: 1px solid black;">NBR</td> </tr> <tr> <td style="text-align: center; border-bottom: 1px solid black;">Textured surface</td> <td style="text-align: center; border-bottom: 1px solid black;">Textured surface</td> </tr> <tr> <td style="text-align: center; border-bottom: 1px solid black;">Blue</td> <td style="text-align: center; border-bottom: 1px solid black;">Blue</td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Tension member</td> <td style="text-align: center;">Splice</td> </tr> <tr> <td style="text-align: center; border-bottom: 1px solid black;">Polyester</td> <td style="text-align: center; border-bottom: 1px solid black;">Finger</td> </tr> <tr> <td style="text-align: center; border-bottom: 1px solid black;">Fabric</td> <td style="text-align: center; border-bottom: 1px solid black;">(10×70)</td> </tr> </table> <p style="text-align: center;">Construction </p>	Top side	Bottom side	NBR	NBR	Textured surface	Textured surface	Blue	Blue	Tension member	Splice	Polyester	Finger	Fabric	(10×70)	
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### Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	100mm
Length (max.)	45m
Total thickness	4.0mm
Weight	4.4 Kg/m <sup>2</sup>

Please contact Nitta if you need other dimensions.

### Regulatory compliance

RoHS(2011/65/EC,  
(EU)2015/863)

### Features

- Antistatic
- High lateral rigidity
- Twist resistance
- Roller bed
- Easy splice with NITTA tool

### Properties

#### Minimum pulley diameter

Flexing	Finger	50mm
Back flexing	Finger	50mm

#### Dynamic properties

Standard elongation	1.0%	
Tension after relaxation at 1.0% <sup>*</sup>	8.0N/mm	
Initial tension at 2.0%	18.0N/mm	
Tension after relaxation at 2.0% <sup>*</sup>	12.0N/mm	
Operating temperature range	-20~60°C	

<sup>\*</sup>After 200hrs running-in

#### Tensile properties

Tensile strength	150N/mm
Elongation at break	13%
Maximum allowable tension	18.0N/mm
Maximum allowable elongation	2.0%

#### Coefficient of friction

	Top	vs. Steel	0.7~0.8
		vs. Paper	0.8~0.9
	Bottom	vs. Steel	0.7~0.8
		vs. Paper	0.8~0.9
		vs. Lagged pulley	0.9~1.0
		vs. POM (resin)	0.7~0.9