NITTA

Technical Datasheet

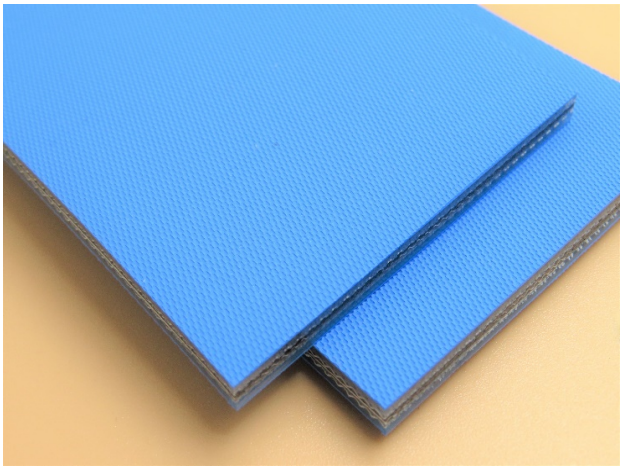
PolySprint ™ Power Transmission and Conveyor Belt

Belt type **XH-8E30** PS-019 Ver.6

Applications

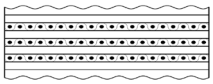
- Folder gluer
- Woodworking machine
- Medium duty conveyor

Construction



Top side	Bottom side
NBR	NBR
Textured surface	Textured surface
Blue	Blue

Tension member	Splice
Polyester	Finger
Fabric	(10×70)

Construction 

Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	100mm
Length (max.)	100m
Total thickness	3.0mm
Weight	3.5 Kg/m²

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	40mm
Back flexing	
Finger	40mm

Dynamic properties

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

*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

Issued by Industrial Products Div.
2022/3/17