NITTA

Applications

- Bookbinding machine
- Postal machine
- Light duty conveyor

Construction
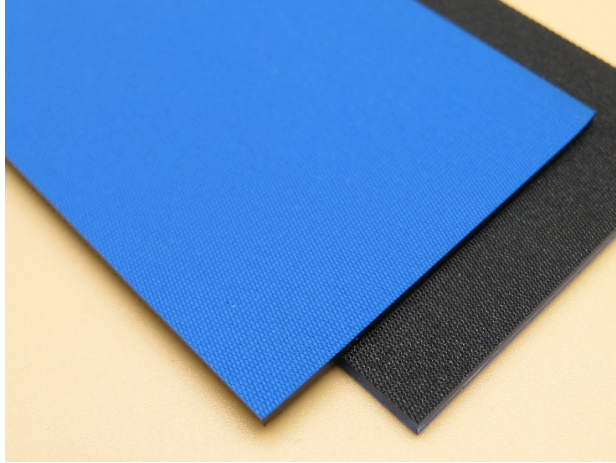
Top side		Bottom side	
NBR		Conductive resin	
Textured surface		Textured surface	
Dark blue		Black	

Tension member		Splice	
-		Finger	
-		(10×30)	

Construction

Dimensions

Width/Roll (max.)	450mm
Width/Endless (max.)	450mm
Length (max.)	100m
Total thickness	1.45mm
Weight	1.7 Kg/m²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

- Antistatic
- No tensioning device required
- Abrasion resistance
- Cut resistance
- Slider bed
- Roller bed
- Easy splice with NITTA tool

Properties

Minimum pulley diameter

Flexing	
Finger	25mm
Back flexing	
Finger	25mm

Dynamic properties

Standard elongation	5.0%
Tension after relaxation at 5.0% *	1.1N/mm
Initial tension at 8.0%	3.5N/mm
Tension after relaxation at 8.0% *	1.8N/mm
Operating temperature range	0~60°C

*After 200hrs running-in

Tensile properties

Tensile strength	35N/mm
Elongation at break	400%
Maximum allowable tension	3.5N/mm
Maximum allowable elongation	8.0%

Coefficient of friction

Top	vs. Steel	0.7~0.8
	vs. Paper	0.8~0.9
Bottom	vs. Steel	0.3~0.4
	vs. Paper	0.4~0.5
	vs. Lagged pulley	0.5~0.7
	vs. POM (resin)	0.3~0.5

Issued by Industrial Products Div.
2022/3/17