NITTA

Technical Datasheet

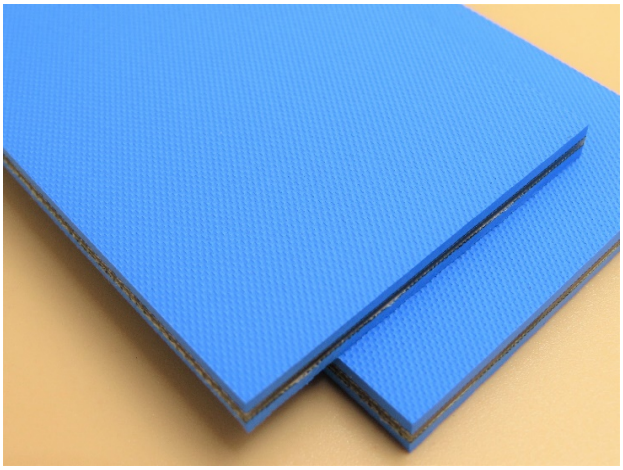
PolyBelt™ Power Transmission and Conveyor Belt

Belt type **XH-750-4** PB-055 Ver.3

Applications

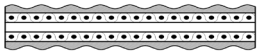
- Folder gluer
- Woodworking machine
- Medium duty conveyor

Construction



Top side	Bottom side
NBR	NBR
1.4mm	1.4mm
Rough pattern	Rough pattern
Blue	Blue

Tension member	Splice
Polyamide	Skiver
Film	
0.75mm	

Construction 

Dimensions

Width/Roll (max.)	320mm
Width/Endless (max.)	300mm
Length (max.)	103m
Total thickness	4.25mm
Weight	4.5 Kg/m²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

Antistatic
High grip
Twist resistance
Superior abrasion resistance
Thicker (Extra Heavy) rubber type

Properties

Minimum pulley diameter

Power Transmission Application	
Skiver	75mm
Conveyor Application	
Skiver	55mm

Tensile properties

Tensile strength	225N/mm
Elongation at break	20%
Maximum allowable tension	22.4N/mm
Maximum allowable elongation	2.0%

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0%	5.6N/mm
Initial tension at 2.0%	22.4N/mm
Tension after relaxation at 2.0%	11.2N/mm
Operating temperature range	-20~80℃
Operating temperature range*	-20~80℃

*When under continuous use

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	0.9~1.1
	vs. POM (resin)	0.7~0.9

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