NITTA

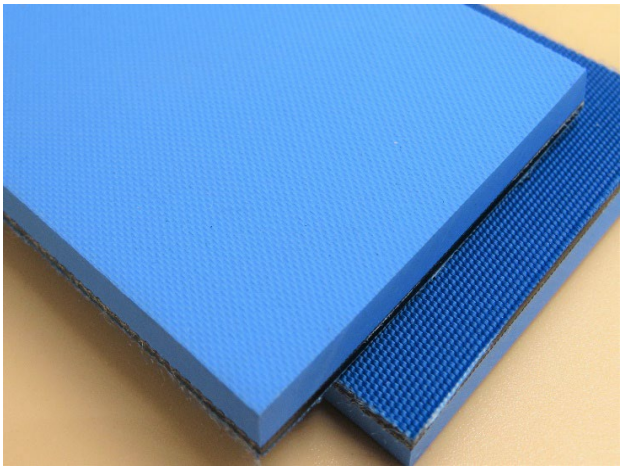
Technical Datasheet

PolyBelt™ Power Transmission and Conveyor Belt

Belt type **XHTA-750-4** PN-030 Ver.0

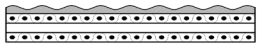
Applications

Construction



Top side	Bottom side
NBR	Polyamide
	-
Rough pattern	Fabric
Blue	Blue

Tension member	Splice
Polyamide	Skiver
Film	
0.75mm	

Construction 

Dimensions

Width/Roll (max.)	320mm
Width/Endless (max.)	320mm
Length (max.)	50m
Total thickness	4.0mm
Weight	4.2 Kg/m²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

Antistatic

Properties

Minimum pulley diameter

Power Transmission Application	
Skiver	70mm
Conveyor Application	
Skiver	70mm

Tensile properties

Tensile strength	225N/mm
Elongation at break	20%
Maximum allowable tension	33.6N/mm
Maximum allowable elongation	3.0%

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0%	5.6N/mm
Initial tension at 3.0%	33.6N/mm
Tension after relaxation at 3.0%	16.8N/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	0.2~0.3
	vs. Paper	0.3~0.4
	vs. Lagged pulley	0.4~0.6
	vs. POM (resin)	0.2~0.4

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