NITTA

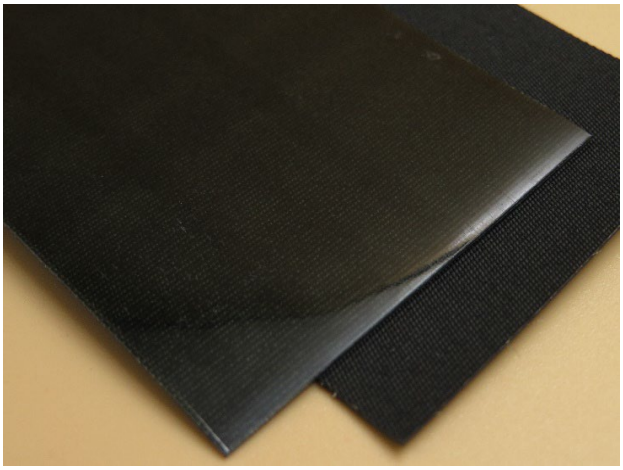
Technical Datasheet

PolyBelt™ Power Transmission and Conveyor Belt

Belt type **SB-350S-2P** PN-017 Ver.0

Applications

Construction



Top side	Bottom side
Polyamide film	NBR
-	
Flat	Rough pattern
-	Black

Tension member	Splice
Polyamide	Skiver
Film	
0.35mm	

Construction 

Dimensions

Width/Roll (max.)	320mm
Width/Endless (max.)	320mm
Length (max.)	200m
Total thickness	0.65mm
Weight	0.7 Kg/m²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

Slider bed
Roller bed

Properties

Minimum pulley diameter

Power Transmission Application	
Skiver	30mm
Conveyor Application	
Skiver	30mm

Tensile properties

Tensile strength	135N/mm
Elongation at break	20%
Maximum allowable tension	20.4N/mm
Maximum allowable elongation	3.0%

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0%	3.4N/mm
Initial tension at 3.0%	20.4N/mm
Tension after relaxation at 3.0%	10.2N/mm
Operating temperature range	-20~80℃
Operating temperature range*	-20~80℃

*When under continuous use

Coefficient of friction

Top	vs. Steel	0.1~0.2
	vs. Paper	0.2~0.3
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

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