


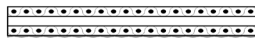
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	KCS-350SN PN-009 Ver.0

Applications

Construction



Top side	Bottom side
Polyamide	NBR
-	-
Fabric	Rough pattern
Blue	Black
Tension member	Splice
Polyamide	Skiver
Film	
0.35mm	

Construction 

Dimensions

Width/Roll (max.)	320mm
Width/Endless (max.)	320mm
Length (max.)	200m
Total thickness	1.1mm
Weight	0.8 Kg/m ²

Please contact Nitta if you need other dimensions.

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

Features
Antistatic
Slider bed
Roller bed

Properties

Minimum pulley diameter	
Power Transmission Application	30mm
Skiver	30mm
Conveyor Application	
Skiver	30mm

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°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

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

Coefficient of friction

Top	vs. Steel	0.2~0.3
	vs. Paper	0.3~0.4
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