NITTA

Technical Datasheet

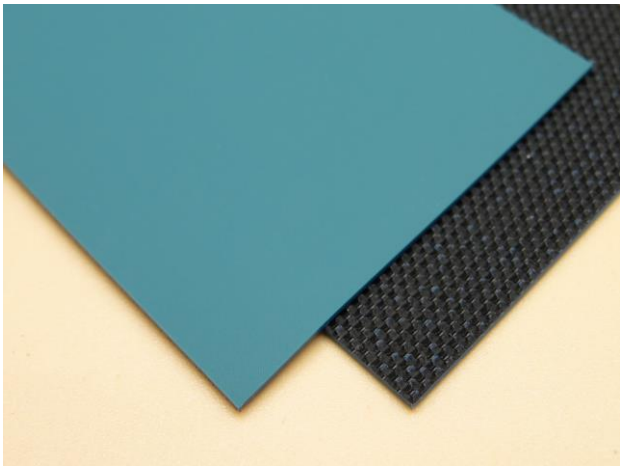
PolySprint ™ Conveyor Belt

Belt type **HTA09** PS-007 ver.0

Applications

- Bookbinding machine
- Postal machine
- Light duty conveyor

Construction



Top side	Bottom side
Hard TPU	Conductive resin
Matte Surface	Rough pattern
Green	Black

Tension member	Splice
-	Finger
-	(10×30, 20×20)
	Skiver

Construction

Dimensions

Width/Roll (max.)	330mm
Width/Endless (max.)	330mm
Length (max.)	100m
Total thickness	0.9mm
Weight	0.9 Kg/m²

◎Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC)
REACH regulation

Features

Antistatic
No tensioning device required
Accumulation
Slider bed
Roller bed
Easy splice with NITTA tool

Properties

Minimum pulley diameter

Flexing	
Finger	25mm
Skiver	25mm
Back flexing	
Finger	25mm
Skiver	25mm

Dynamic properties

Standard elongation	5.0%
Tension after relaxation at 5.0% *	0.5N/mm
Initial tension at 8.0%	1.6N/mm
Tension after relaxation at 8.0% *	0.8N/mm
Operating temperature range	-20~60℃

*After 200hrs running-in

Tensile properties

Tensile strength	25N/mm
Elongation at break	500%
Maximum allowable tension	1.6N/mm
Maximum allowable elongation	8.0%

Coefficient of friction

Top	vs. Steel	0.3~0.4
	vs. Paper	0.4~0.5
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

※The contents of this Technical Data Sheet may be changed without notice.

Issued by Industrial Products Div.
2021/12/14