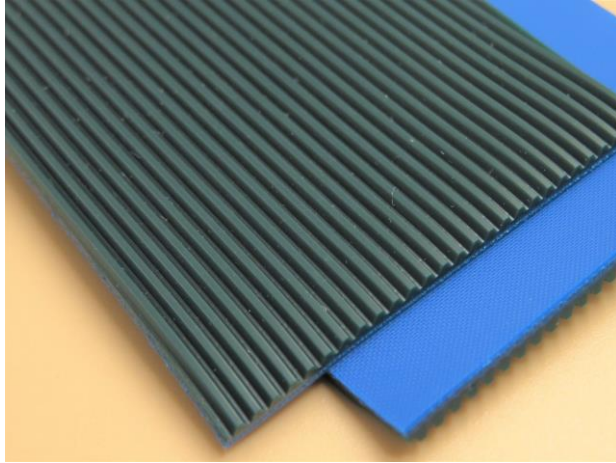


<b>Technical Datasheet</b>	<i>PolySprint™</i> Belt type <b>SNTC-RB20B</b>	Conveyor Belt PS-087 ver.0
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**Applications**

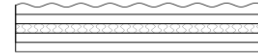
- Belt on roller / MDR
- Logistics
- Light duty conveyor

**Construction**


Top side	Bottom side
Soft TPU	TPU
RB pattern	Taffeta pattern
Green	Blue

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

Construction


**Dimensions**

Width/Roll (max.)	1030mm
Width/Endless (max.)	1030mm
Length (max.)	100m
Total thickness	2.0mm
Weight	1.8 Kg/m <sup>2</sup>

©Please contact Nitta if you need other dimensions.

**Regulatory compliance**

RoHS(2011/65/EC)  
 REACH regulation

**Features**

Antistatic  
 No tensioning device required  
 High grip  
 Incline conveyance  
 Whisper  
 Roller bed  
 Easy splice with NITTA tool

**Properties**
**Minimum pulley diameter**

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

**Dynamic properties**

Standard elongation	2.0%
Tension after relaxation at 2.0% *	0.3N/mm
Initial tension at 8.0%	2.1N/mm
Tension after relaxation at 8.0% *	1.0N/mm
Operating temperature range	-20~60°C

\*After 200hrs running-in

**Tensile properties**

Tensile strength	15N/mm
Elongation at break	150%
Maximum allowable tension	2.1N/mm
Maximum allowable elongation	8.0%

**Coefficient of friction**

Top	vs. Steel	0.9~1.0
	vs. Paper	approx.1.0
Bottom	vs. Steel	0.4~0.5
	vs. Paper	0.5~0.6
	vs. Lagged pulley	0.6~0.8
	vs. POM (resin)	0.4~0.6