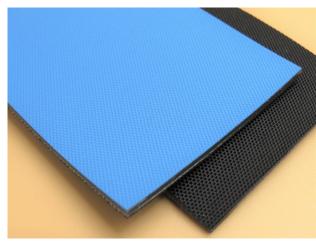


	<b>PolyBelt</b> <sup>TM</sup>	Power Transmission and Conveyor Be
Technical Datasheet	Belt type	<b>L-750</b> PB-012 Ver.

## **Applications**

- General transmission belt
- Roller conveyor

### **Construction**



Top side	Bottom side
NBR	NBR
0.3mm	0.3mm
Rough pattern	Rough pattern
Blue	Black
·	

Tension member	Splice
Polyamide	Skiver
Film	
0.75mm	
~	_

Construction

### **Dimensions**

Width/Roll (max.)	
	325mm
Width/Endless (max.)	
	300mm
Length (max.)	
	105m
Total thickness	
	2.2mm
Weight	
	2.5 Kg/m <sup>2</sup>

Please contact Nitta if you need other dimensions.

# Regulatory compliance

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

# **Features**

Antistatic Superior abrasion resistance Superior oil resistance Thin (Light) rubber type

### **Properties**

Minimum pul	ley diameteı
Power Transmissi	on Application
Skiver	75mm

Conveyor Application
Skiver 50mm

### **Dynamic properties**

Standard elongation
2.0%
Tension after relaxation at 2.0%
11.2N/mm
Initial tension at 3.0%
33.6N/mm
Tension after relaxation at 3.0%
16.8N/mm
Operating temperature range
-20~80° <b>C</b>
Operating temperature range*
-20~80°C
*When under continuous use

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

# **Coefficient of friction**

Тор	vs. Steel	
	0.5~0.6	ô
	vs. Paper	
	0.6~0.	7
Bottom	vs. Steel	
	0.5~0.6	6
	vs. Paper	
	0.6~0.	7
	vs. Lagged pulley	
	0.7~0.9	9
	vs. POM (resin)	
	0.5~0.	7

NITTA CORPORATION