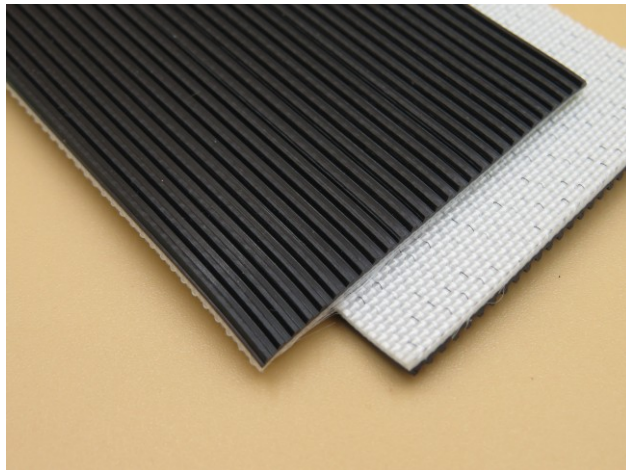


Technical Datasheet	Conveyor Belt	
	Belt type	BLRB-E10AFR
		C-094 Ver.3

Applications

- Material handling
- Logistics / Distribution center
- Incline / Decline conveyor

Construction



Top side	Bottom side
PVC	Polyester
0.9mm	-
RB pattern	Elastic fabric
Black	White
Tension member	Splice
Polyester	Finger
Elastic fabric	
1ply	

Construction



Dimensions

Width/Roll (max.)	2,000mm
Width/Endless (max.)	2,000mm
Length (max.)	100m
Total thickness	2.25mm
Weight	2.2 kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

Elastic
Antistatic
Flame retardant : ISO340:2013
High grip
Incline conveyance
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	25mm
	-
Back flexing	
Finger	30mm
	-
Knife edge	
	-

Dynamic properties

Standard elongation	2.0%
Tension after relaxation at 2.0%	0.5N/mm
Initial tension at 5.0%	2.5N/mm
Tension after relaxation at 5.0%	1.25N/mm
Operating temperature range	-5~70°C
Operating temperature range*	-5~70°C

*When under continuous use

Tensile properties

Tensile strength	100N/mm
Elongation at break	80%
Maximum allowable tension	2.5N/mm
Maximum allowable elongation	5.0%

Coefficient of friction

Top	vs. Steel	approx.1.0
	vs. Paper	approx.1.0
Bottom	vs. Steel	0.1~0.3
	vs. Lagged pulley	0.3~0.6
	vs. POM (resin)	0.1~0.4