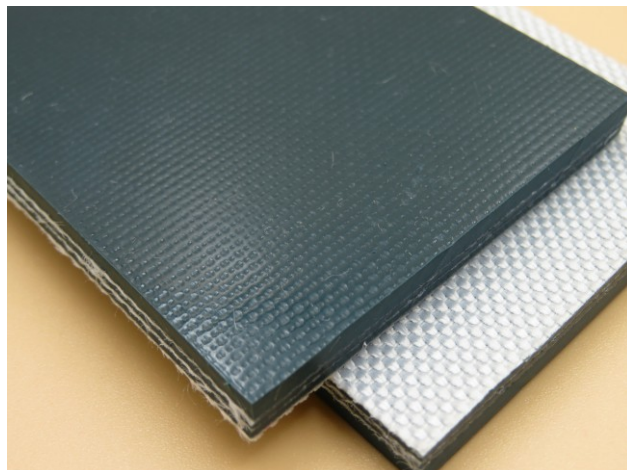


Technical Datasheet	Conveyor Belt	
	Belt type	BC-30AOR-3
		C-087 Ver.6

Applications

- Steel plate conveyance
- Heavy duty conveyor

Construction



Top side

Oil-resistance PVC
2mm
Mirror surface
Green

Bottom side

Polyester
-
Fabric
White

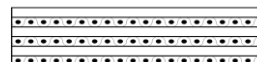
Tension member

Polyester
Fabric
3ply

Splice

Finger
Skiver

Construction



Dimensions

Width/Roll (max.)	3,000mm
Width/Endless (max.)	3,000mm
Length (max.)	100m
Total thickness	4.9mm
Weight	5.8 kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

Antistatic
Oil resistance
High lateral rigidity
Cut resistance
Wider widths are available
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	90mm
Skiver	150mm
Back flexing	
Finger	100mm
Skiver	150mm
Knife edge	-

Dynamic properties

Standard elongation	0.5%
Tension after relaxation at 0.5%	4.5N/mm
Initial tension at 1.0%	18.0N/mm
Tension after relaxation at 1.0%	9.0N/mm
Operating temperature range	-5~70°C
Operating temperature range*	-5~70°C

*When under continuous use

Tensile properties

Tensile strength	300N/mm
Elongation at break	20%
Maximum allowable tension	18.0N/mm
Maximum allowable elongation	1.0%

Coefficient of friction

Top	vs. Steel	0.7~0.8
	vs. Paper	0.8~0.9
Bottom	vs. Steel	0.1~0.3
	vs. Lagged pulley	0.3~0.6
	vs. POM (resin)	0.1~0.4