

BLACKSKIRT NR

16/07/2014



SPECIAL WEAR SHEETING: BLACK SKIRTING

FEATURES

Natural rubber, 50 Shore A, black.

ADVANTAGES

- Flexible
- Good wear resistance

BENEFITS

- Reliability
- Service life
- Safety
- Economy

APPLICATIONS

Manufacturing of rubber skirts to:


- ensure sealing at conveyor belts loading points
- center materials
- protect against lateral projections (no continuous contact with the conveyor belt)
- be used as a scraper blade

Suitable for fine grain size products as crushed limestone, cement, damp gravels, marine salt, wet sand, etc.

Areas of activity: sand and gravel quarries, aggregate and cement industries, foundries, mechanical engineering, concrete plants, etc.

www.trelleborg.com/elastomerlaminates

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

	Measured characteristics	Standard	Value
MECHANICAL			
	Rubber compound		NR R439 
	Density		1.18 ± 0.05 g/cm ³
	Hardness	ASTM D2240	50 ± 5 Shore A
	Tensile strength	ISO 37	≥ 8.5 MPa
	Elongation at break	ISO 37	≥ 400 %
	Tear resistance	ISO 34-1	≥ 30 N/mm
	Abrasion resistance (5 N)	ISO 4649	≤ 125 mm ³
	Compression set after 22 h at 70 °C	ISO 815-1	≤ 40 %
TEMPERATURE			
	Working temperature		- 40/+ 70 °C
AGEING			
	Δ Hardness after 70 h at 70 °C	ASTM D573	≤ 8 Shore A
	Δ Tensile strenght after 70 h at 70 °C	ASTM D573	≤ - 20 %
	Δ Elongation at break after 70 h at 70 °C	ASTM D573	≤ - 35 %
CHEMICAL RESISTANCE			
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons
Good	Medium	Medium	Non suitable

DIMENSIONS

Thickness (mm)	Width (mm)	Length (m)	Weight (kg/m ²)	Sides finish
2 ± 0.3	1400 ± 2 %	15 ± 2 %	2.36	2 smooth sides
3 ± 0.3	1400 ± 2 %	10 ± 2 %	3.54	2 smooth sides
4 ± 0.4	1400 ± 2 %	10 ± 2 %	4.72	2 smooth sides
5 ± 0.4	1400 ± 2 %	10 ± 2 %	5.90	2 smooth sides
6 ± 0.5	1400 ± 2 %	10 ± 2 %	7.08	2 smooth sides
8 ± 0.7	1400 ± 2 %	10 ± 2 %	9.44	2 smooth sides
10 ± 1.0	1400 ± 2 %	10 ± 2 %	11.80	2 smooth sides
12 ± 1.0	1400 ± 2 %	5 ± 2 %	14.16	2 smooth sides
15 ± 1.0	1400 ± 2 %	5 ± 2 %	17.70	2 smooth sides

IDENTIFICATION

Branding	Without.
Packaging	Thickness ≤ 6 mm rolled on cardboard tube Ø 80 mm. Thickness > 6 mm in roll.
Wrapping	Black polyethylene film.
Labelling	Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability.