BLACKSKIRT NR



SPECIAL WEAR SHEETING SKIRTING

FEATURES
Natural rubber, 50 Shore A, black.

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.

ADVANTAGES
- Flexible
- Good wear resistance

BENEFITS
- Reliability
- Service life
- Safety
- Economy

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics	Standard	Value	
MECHANICAL			
Rubber compound - black		NR R439	
Density		1.18 ±0.05	g/cm³
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 (5N)	ISO 4649	≤125	mm³
Compression set after 22h at 70°C	ISO 815-1	≤40	%
TEMPERATURE			
Working temperature		-40/+70	°C
AGEING			
Δ Hardness after 70h at 70°C	ASTM D573	≤8	Shore A
Δ Tensile strength after 70h at 70°C	ASTM D573	≤-20	%
Δ Elongation at break after 70h 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

IDENTIFICATION

Branding	Without.
Packaging	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.
Wrapping	Black polyethylene film.
Labelling	Self-adhesive label indicating product name, dimensions, area in m², nominal weight, and product code to allow product traceability.

Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.

NR	SPECIAL WEAR SHEETING	BLACKSKIRT			
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m²	SIDES FINISH	
2 ±0.3	1400 ± 2 %	15 ± 2 %	2.41	2 SMOOTH SIDES	
3 ±0.3	1400 ± 2 %	10 ± 2 %	3.6	2 SMOOTH SIDES	
4 ±0.4	1400 ± 2 %	10 ± 2 %	4.81	2 SMOOTH SIDES	
5 ±0.4	1400 ± 2 %	10 ± 2 %	6.01	2 SMOOTH SIDES	
6 ±0.5	1400 ± 2 %	10 ± 2 %	7.22	2 SMOOTH SIDES	
8 ±0.7	1400 ± 2 %	10 ± 2 %	9.6	2 SMOOTH SIDES	
10 ±1.0	1400 ± 2 %	10 ± 2 %	12.03	2 SMOOTH SIDES	
12 ±1.0	1400 ± 2 %	5 ± 2 %	14.4	2 SMOOTH SIDES	
15 ±1.0	1400 ± 2 %	5 ± 2 %	18.04	2 SMOOTH SIDES	

TRELLEBORG