

S BLACKSKIRT

WEAR RESISTANT SHEETING

BLACK NR 50
SPECIAL WEAR SHEETING


MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	NR
Rubber Color	Black - R439
Density	1.18 g/cm ³ ±0.05
Hardness (ISO 48-4)	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 (ISO 4649)	5N ≤125mm ³
Compression set (ISO 815-1)	22h @ 70 °C : ≤40%

TEMPERATURE

Working temperature	-40/+70 °C
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AGEING

Δ Hardness (ISO 188)	70h @ 70 °C : ≤8 Shore A
Δ Tensile strength (ISO 188)	70h @ 70 °C : ≤-20%
Δ Elongation at break (ISO 188)	70h @ 70 °C : ≤-35%

CHEMICAL RESISTANCE

Diluted acids and bases	Good
Concentrated acids and bases	Medium
Ozone	Medium
Oils and hydrocarbons	Non suitable

FEATURES

- Natural rubber, 50 Shore A, black.

ADVANTAGES

- Flexible
- Good wear resistance

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.

MAINTENANCE RECOMMENDATION

- Always follow manufacturer warnings and instructions when using any cleaning product.

**Asbestos
FREE**
**Halogen
FREE**
**RoHS
compliant**
**REACH
compliant**

DIMENSIONS

Article number	Stock Situation	Thickness (mm)	Width (mm)	Length (mm)	Weight	Side 1 finish	Side 2 finish	Type of insertion	Number Of Insertions	Inner car-board tube Ø mm
5513163	STD NOT STOCK	3	1400 ±2%	10000 ±2%	3,6	Smooth	Smooth	-	0	80 mm
SSR43900004001	STD NOT STOCK	4	1400 ±2%	10000 ±2%	4,8	Smooth	Smooth	-	0	80 mm
SSR43900005003	STD NOT STOCK	5	1400 ±2%	10000 ±2%	6	Smooth	Smooth	-	0	
SSR43900006004	STD STOCK	6	1400 ±2%	10000 ±2%	7,2	Smooth	Smooth	-	0	
5513209	STD STOCK	8	1400 ±2%	10000 ±2%	9,6	Smooth	Smooth	-	0	
SSR4390001000A	STD STOCK	10	1400 ±2%	10000 ±2%	12	Smooth	Smooth	-	0	
5513175	STD NOT STOCK	12	1400 ±2%	5000 ±2%	14,4	Smooth	Smooth	-	0	
SSR43900015006	STD NOT STOCK	15	1400 ±2%	5000 ±2%	18	Smooth	Smooth	-	0	

IDENTIFICATION

Labelling

Self-adhesive label indicating product name, dimensions, area in m², nominal weight, and product code to allow product traceability. (94/62/EC - LDPE4)

Wrapping

Black polyethylene film.(94/62/EC - LDPE4)

Packaging

Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.

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.