

S REDFINE

WEAR RESISTANT SHEETING

RED NR 45

FINE GRAIN SIZE MATERIAL MEDIUM WEAR SHEETING



MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	NR
Rubber Color	Red - R492
Density	1.05 g/cm ³ ±0.05
Hardness (ISO 48-4)	45±5 Shore A
Tensile strength (ISO 37)	≥16 MPa
Elongation at break (ISO 37)	≥600 %
Tear resistance (ISO 34-1)	≥25 N/mm
Abrasion resistance (ISO 4649)	5N ≤80mm ³
Compression set (ISO 815-1)	24h @ 70 °C : ≤30%

TEMPERATURE

Working temperature	-40/+85 °C
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AGEING

Δ Hardness (ISO 188)	70h @ 70 °C : ≤5 Shore A
Δ Tensile strength (ISO 188)	70h @ 70 °C : ≤15%
Δ Elongation at break (ISO 188)	70h @ 70 °C : ≤25%

CHEMICAL RESISTANCE

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

FEATURES

- Wear resistant natural rubber, red.

ADVANTAGES

- Excellent mechanical properties: tensile strength, elongation at break, tear resistance, abrasion, etc.
- Excellent resistance to fine grain size products projection and fretting wear: sand, shot blasting, fine particles, abrasive dust, etc.
- Corrosion protection
- Noise and vibration propagation reduction
- Possibility to be produced with bonding layer for cold vulcanizing

APPLICATIONS

- Hoppers, chutes, operating cyclones, vibrating lines, silos, etc., linings to protect equipment against very abrasive fine grain size products wear, due to their very nature (rock, wood, metal, all fine particle size materials, chemical products, etc.), density and hardness (medium to high), forms (fine particles, bulks, etc.), with dry conditions and maximum temperature +70 °C.
- Manufacturing of rubber skirts.
- Hanging panels fostering materials cleaning and removal.
- Areas of activity: sand and gravel quarries, aggregate and cement industries, concrete plants, etc.

MAINTENANCE RECOMMENDATION

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

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

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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
5013314	STD NOT STOCK	3	1400 ±2%	10000 ±2%	3,12	Smooth	Smooth	-	0	80 mm
SSR49200004001	STD NOT STOCK	4	1400 ±2%	10000 ±2%	4,16	Smooth	Smooth	-	0	80 mm
SSR49200005002	STD NOT STOCK	5	1400 ±2%	10000 ±2%	5,20	Smooth	Smooth	-	0	80 mm
SSR49200006001	STD NOT STOCK	6	1400 ±2%	10000 ±2%	6,24	Smooth	Smooth	-	0	80 mm
SKR49200006003	STD NOT STOCK	6	1400 ±2%	10000 ±2%	6,24	Bonding	Smooth	-	0	80 mm
SSR49200008001	STD NOT STOCK	8	1400 ±2%	10000 ±2%	8,32	Smooth	Smooth	-	0	
SKR49200008007	STD NOT STOCK	8	1400 ±2%	10000 ±2%	8,32	Bonding	Smooth	-	0	
SSR49200010002	STD NOT STOCK	10	1400 ±2%	10000 ±2%	10,41	Smooth	Smooth	-	0	
SKR49200010008	STD NOT STOCK	10	1400 ±2%	10000 ±2%	10,41	Bonding	Smooth	-	0	
SSR49200012001	STD NOT STOCK	12	1400 ±2%	5000 ±2%	12,48	Smooth	Smooth	-	0	
SKR49200012003	STD NOT STOCK	12	1400 ±2%	5000 ±2%	12,48	Bonding	Smooth	-	0	
5029207	STD NOT STOCK	15	1400 ±2%	5000 ±2%	15,60	Bonding	Smooth	-	0	
SSR49200015001	STD NOT STOCK	15	1400 ±2%	5000 ±2%	15,610	Smooth	Smooth	-	0	
SSR49200020001	STD NOT STOCK	20	1400 ±2%	5000 ±2%	20,80	Smooth	Smooth	-	0	
SKR49200020004	STD NOT STOCK	20	1400 ±2%	5000 ±2%	20,80	Bonding	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. Bonding layer internal side protected by a white polypropylene film, easily removable by hand.

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.