

S ARMURITE

WEAR RESISTANT SHEETING

BLACK NR 65

CRUSHED MATERIAL HIGH WEAR SHEETING



MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	NR
Rubber Color	Black - RF20
Density	1.12 g/cm ³ ±0.05
Hardness (ISO 48-4)	65±5 Shore A
Tensile strength (ISO 37)	≥25 MPa
Elongation at break (ISO 37)	≥450 %
Tear resistance (ISO 34-1)	≥70 N/mm
Abrasion resistance (ISO 4649)	10N ≤100mm ³
Compression set (ISO 815-1)	22h @ 70 °C : ≤20%

TEMPERATURE

Working temperature	-40/+70 °C
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AGEING

Δ Tensile strength (ISO 188)	168h @ 70 °C : ≤-15%
Δ Elongation at break (ISO 188)	168h @ 70 °C : ≤-20%
Ozone resistance (ASTM D1149 type A)	50pphm, 4h, 30 °C, 20%: No crack

FEATURES

- Very high mechanical properties with an excellent tear resistance.

ADVANTAGES

- Excellent shock impact and cut resistance against large grain size products: blocks, masses, etc.
- Protection against corrosion
- Noise and vibration propagation reduction
- Possibility to be produced with bonding layer for cold vulcanizing or with steel backing for mechanical fixing

APPLICATIONS

- Hoppers, chutes, vibrating lines, truck boxes, etc., linings to protect equipment, especially at loading and unloading points, against very abrasive products, due to their very nature (very abrasive rocks, wood, chemical products, etc.), density and hardness (medium to high), shapes (salient, sharp-edged), large grain size, with dry or wet conditions and maximum temperature +70 °C.
- Areas of activity: sand and gravel quarries, steel industry, foundries, metal industry, aggregate and cement industries, concrete plants, sawmills.

MAINTENANCE RECOMMENDATION

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

CHEMICAL RESISTANCE

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

**Asbestos
FREE**

**Halogen
FREE**

**RoHS
compliant**

**REACH
compliant**

**CRUSHED MATERIAL HIGH WEAR
SHEETING****S ARMURITE RF20****BLACK NR 65****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
0037896	STD NOT STOCK	8	1500 ±2%	10000 ±2%	8,96	Impression	Smooth	-	0	
0037897	STD NOT STOCK	10	1500 ±2%	10000 ±2%	11,2	Impression	Smooth	-	0	
0037900	STD NOT STOCK	10	1500 ±2%	10000 ±2%	11,2	Bonding	Smooth	-	0	
0039085	STD NOT STOCK	15	1500 ±2%	6000 ±2%	16,8	Impression	Matt	-	0	
0039101	STD NOT STOCK	15	1500 ±2%	6000 ±2%	16,8	Bonding	Smooth	-	0	
0039086	STD NOT STOCK	20	1500 ±2%	6000 ±2%	22,4	Impression	Matt	-	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.