

S BLACKROCK

WEAR RESISTANT SHEETING

BLACK NR 60
ROUND GRAIN MATERIAL MEDIUM WEAR SHEETING


MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	NR
Rubber Color	Black - R698
Density	1.14 g/cm ³ ±0.05
Hardness (ISO 48-4)	60±5 Shore A
Tensile strength (ISO 37)	≥16 MPa
Elongation at break (ISO 37)	≥450 %
Tear resistance (ISO 34-1)	≥40 N/mm
Abrasion resistance (ISO 4649)	10N ≤120mm ³
Compression set (ISO 815-1)	22h @ 70 °C : ≤35%

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 : ±10 %
Δ Elongation at break (ISO 188)	70h @ 70 °C : ≤20%

FEATURES

- Natural rubber, black, 60 Shore A, with good abrasion resistance.

ADVANTAGES

- Good shock impact, tear, and abrasion resistance
- Good heat and ageing resistance
- Noise and vibration propagation reduction
- Protection against corrosion
- Good ratio quality/price
- Possibility to be produced with bonding layer for cold vulcanizing

APPLICATIONS

- Hoppers, chutes, etc., linings to protect equipment subject to medium wear due to working conditions (for example, moisture), composition (for example, high percentage of fine grain size products), shape or nature of the products.
- Areas of activity: sand and gravel quarries, aggregate and cement industries, foundries, etc.

MAINTENANCE RECOMMENDATION

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

CHEMICAL RESISTANCE

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

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

**ROUND GRAIN MATERIAL
MEDIUM WEAR SHEETING**

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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
SSR69800003001	STD STOCK	3	1400 ±2%	10000 ±2%	3,45	Smooth	Smooth	-	0	80 mm
5603960	STD STOCK	4	1500 ±2%	10000 ±2%	4,78	Matt	Matt	-	0	80 mm
5604018	STD STOCK	5	1500 ±2%	10000 ±2%	5,75	Matt	Matt	-	0	
5603863	STD STOCK	6	1500 ±2%	10000 ±2%	7,18	Matt	Matt	-	0	
SKR69800006005	STD NOT STOCK	6	1500 ±2%	10000 ±2%	7,36	Bonding	Matt	-	0	
5603864	STD STOCK	8	1500 ±2%	10000 ±2%	9,57	Matt	Matt	-	0	
SKR69800008004	STD NOT STOCK	8	1500 ±2%	10000 ±2%	9,75	Bonding	Matt	-	0	
5603865	STD STOCK	10	1500 ±2%	10000 ±2%	11,96	Matt	Matt	-	0	
SKR69800010005	STD NOT STOCK	10	1500 ±2%	10000 ±2%	12,14	Bonding	Matt	-	0	
5603866	STD STOCK	12	1500 ±2%	10000 ±2%	14,35	Matt	Matt	-	0	
5603867	STD STOCK	15	1500 ±2%	10000 ±2%	17,25	Matt	Matt	-	0	
SKR69800015002	STD NOT STOCK	15	1500 ±2%	6000 ±2%	17,25	Bonding	Matt	-	0	
5603868	STD STOCK	20	1500 ±2%	10000 ±2%	24,04	Matt	Matt	-	0	
SKR69800020002	STD NOT STOCK	20	1500 ±2%	6000 ±2%	23,98	Bonding	Matt	-	0	
5603890	STD STOCK	25	1500 ±2%	6000 ±2%	30.140	Matt	Matt	-	0	
5603891	STD STOCK	30	1500 ±2%	6000 ±2%	35,88	Smooth	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.