



# S BLACKDUST

## WEAR RESISTANT SHEETING

BLACK NR 45

FOR TRANSFORMER OIL SPECIAL WEAR SHEETING



### MECHANICAL & PHYSICAL PROPERTIES

#### MECHANICAL

Rubber Compound	NR
Rubber Color	Black - R431
Density	1.03 g/cm <sup>3</sup> ±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)	≥27 N/mm
Abrasion resistance (ISO 4649)	5N ≤90mm <sup>3</sup>
Compression set (ISO 815-1)	22h @ 70 °C : ≤35%

#### TEMPERATURE

Working temperature	-50/+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%

### FEATURES

- Black natural rubber, with excellent mechanical properties, especially elasticity, ozone and abrasion resistance.

### ADVANTAGES

- Environmental protection, reducing the spread of dust and soot
- Less wear of mechanical surrounding parts
- Simplicity of assembly process: fixing with standardised bars and elbows (inside diameter 14mm, outside diameter 31mm)

### APPLICATIONS

- Sealing of screening systems, conveyor belts, and other dust-generating equipments.
- Areas of activity: manufacturing of concrete, limestone, chalk, etc.

### 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	Medium
Ozone	Good
Oils and hydrocarbons	Non suitable



**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 cardboard tube Ø mm
5029172	STD STOCK	2	1400 ±2%	20000 ±2%	2,06	Impression	Impression	-	0	80 mm

**IDENTIFICATION**

Labelling	Self-adhesive label indicating product name, dimensions, area in m <sup>2</sup> , 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.