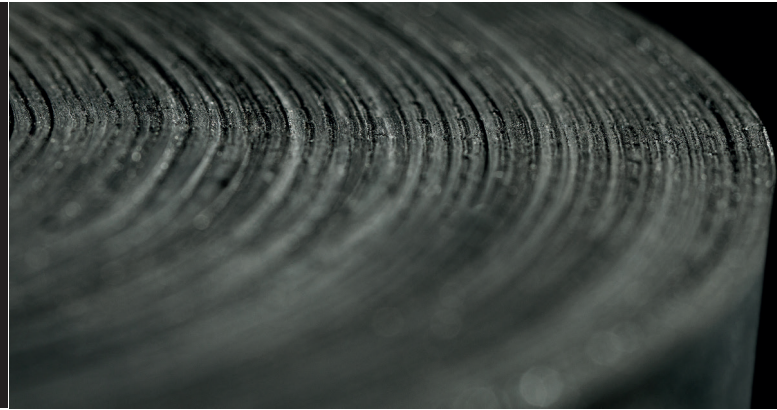


S H630

TECHNICAL SHEETING

BLACK CSM 60

FOR TECHNICAL APPLICATIONS CSM 60 SHEETING



MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	CSM
Rubber Color	Black
Density	1.30 g/cm ³ ±0.05
Hardness (ISO 48-4)	60±5 Shore A
Tensile strength (ISO 37)	≥9 MPa
Elongation at break (ISO 37)	≥350 %
Tear resistance (ISO 34-1)	≥20 N/mm
Compression set (ISO 815-1)	22h @ 70 °C : ≤35%

TEMPERATURE

Working temperature	-35/+125 °C
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AGEING

Δ Hardness (ISO 188)	168h @ 70 °C : ≤5 Shore A
Ozone resistance (ASTM D1149 type A)	200pphm, 48h, 30 °C, 20%: No crack

OIL RESISTANCE

Oil IRM 901, Δ volume (ISO 1817)	70h @ 70 °C : ≤40%
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FEATURES

- High grade chlorosulphonated polyethylene (CSM).

ADVANTAGES

- Good resistance to diluted and low oxidant acids
- Excellent oxidation, weather and ozone resistance
- Very good high temperature resistance
- Excellent resistance to hydrocarbonated solvents
- Resistant to alcohols and most inorganic chemical products
- Moderate resistance to aliphatic and aromatic hydrocarbons
- Matte finish to guarantee a good surface finished quality and to secure an easy unrolling.

APPLICATIONS

- Gaskets or washers cutting and manufacturing of pieces for general industrial purpose applications in contact with: water and diluted and low oxidant acids.

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	Very good
Oils and hydrocarbons	Good

**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
SMH63000002001	STD STOCK	2	1400 ±2%	15000 ±2%	2,62	Matt	Matt	-	0	80 mm
SMH63000003001	STD STOCK	3	1400 ±2%	10000 ±2%	3,93	Matt	Matt	-	0	80 mm
SMH63000004001	STD STOCK	4	1400 ±2%	10000 ±2%	5,24	Matt	Matt	-	0	80 mm
SMH63000005001	STD STOCK	5	1400 ±2%	10000 ±2%	6,55	Matt	Smooth	-	0	
SMH63000006001	STD NOT STOCK	6	1400 ±2%	10000 ±2%	7,86	Matt	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.