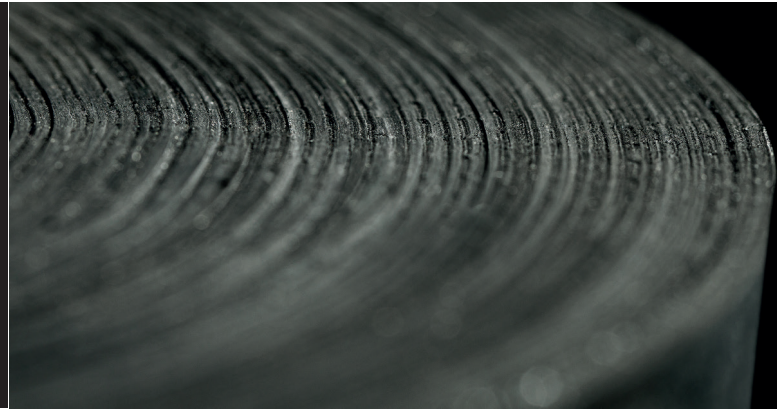


S C500

TECHNICAL SHEETING

BLACK CR SBR 50

FOR TECHNICAL APPLICATIONS CHLOROPRENE 50 SHEETING



MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	CR SBR
Rubber Color	Black
Density	1.35 g/cm ³ ±0.05
Hardness (ISO 48-4)	50±5 Shore A
Tensile strength (ISO 37)	≥4.5 MPa
Elongation at break (ISO 37)	≥400 %
Tear resistance (ISO 34-1)	≥13 N/mm
Compression set (ISO 815-1)	22h @ 70 °C : ≤40%

TEMPERATURE

Working temperature	-30/+100 °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 : ≤-40%

OIL RESISTANCE

Oil IRM 901, Δ volume (ISO 1817)	70h @ 70 °C : ≤26%
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CHEMICAL RESISTANCE

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

FEATURES

- 50 Shore A chloroprene.

ADVANTAGES

- Flexible
- Good low temperature resistance
- Good dry high temperature resistance
- 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 mineral and vegetable oil, non aromatic grease and hydrocarbons.
- Non suitable for oxygenated and halogen solvents, aromatic hydrocarbon, mineral and organic acids, washed water.

MAINTENANCE RECOMMENDATION

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

**Asbestos
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 cardboard tube Ø mm
SMC50000001001	STD NOT STOCK	1	1400 ±2%	20000 ±2%	1,33	Matt	Matt	-	0	80 mm
SMC50000001501	STD NOT STOCK	1,5	1400 ±2%	15000 ±2%	1,995	Matt	Matt	-	0	80 mm
SMC50000002001	STD STOCK	2	1400 ±2%	15000 ±2%	2.650	Matt	Matt	-	0	80 mm
SMC50000003001	STD STOCK	3	1400 ±2%	10000 ±2%	3.980	Matt	Matt	-	0	80 mm
SMC50000004001	STD NOT STOCK	4	1400 ±2%	10000 ±2%	5,32	Matt	Matt	-	0	80 mm
SMC50000005001	STD STOCK	5	1400 ±2%	10000 ±2%	6.630	Matt	Smooth	-	0	80 mm
SMC50000006001	STD NOT STOCK	6	1400 ±2%	10000 ±2%	7,98	Matt	Smooth	-	0	80 mm
SMC50000008001	STD NOT STOCK	8	1400 ±2%	5000 ±2%	10,64	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.