

# S CS40

## TECHNICAL SHEETING

BLACK CR SBR 70

FOR TECHNICAL APPLICATIONS CHLOROPRENE 70 SHEETING



### MECHANICAL & PHYSICAL PROPERTIES

#### MECHANICAL

Rubber Compound	CR SBR
Rubber Color	Black
Density	1.50 g/cm <sup>3</sup> ±0.05
Hardness (ISO 48-4)	70±5 Shore A
Tensile strength (ISO 37)	≥6 MPa
Elongation at break (ISO 37)	≥300 %
Compression set (ISO 815-1)	24h @ 70 °C : ≤35%

#### TEMPERATURE

Working temperature	-20/+100 °C
---------------------	-------------

#### AGEING

Δ Hardness (ISO 188)	70h @ 70 °C : ≤5 Shore A
Δ Tensile strength (ISO 188)	70h @ 70 °C : ≤5%
Δ Elongation at break (ISO 188)	70h @ 70 °C : ≤15%

#### OIL RESISTANCE

Oil IRM 901, Δ volume (ISO 1817)	72h @ 70 °C : ≤20%
----------------------------------	--------------------

### CHEMICAL RESISTANCE

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

### FEATURES

- 70 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: water, sea water, oils and grease, mineral oils (maximum temperature +100 °C)
- 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 car-board tube Ø mm
S64400101E	STD NOT STOCK	1	1400 ±2%	20000 ±2%	1.560	Matt	Matt	-	0	80 mm
SMCS4000001504	STD NOT STOCK	1,5	1400 ±2%	15000 ±2%	2.210	Matt	Matt	-	0	80 mm
S64400201E	STD STOCK	2	1400 ±2%	15000 ±2%	3.120	Matt	Matt	-	0	80 mm
S64400202E	STD STOCK	2	1400 ±2%	15000 ±2%	3.120	Matt	Matt	Tul	1	80 mm
S64400301E	STD STOCK	3	1400 ±2%	10000 ±2%	4.680	Matt	Matt	-	0	80 mm
S64400302E	STD NOT STOCK	3	1400 ±2%	10000 ±2%	4.680	Matt	Matt	Tul	1	80 mm
S64400303E	STD STOCK	3	1400 ±2%	10000 ±2%	4.680	Matt	Matt	Tul	2	80 mm
S64400401E	STD NOT STOCK	4	1400 ±2%	10000 ±2%	6.240	Matt	Matt	-	0	80 mm
SMCS4000004002	STD NOT STOCK	4	1400 ±2%	10000 ±2%	5,88	Matt	Matt	Tul	2	80 mm
SMCS4000005003	STD STOCK	5	1400 ±2%	10000 ±2%	7.380	Matt	Smooth	-	0	
SMCS4000005004	STD STOCK	5	1400 ±2%	10000 ±2%	7.830	Matt	Smooth	Tul	2	
SMCS4000006003	STD STOCK	6	1400 ±2%	10000 ±2%	8.850	Matt	Smooth	-	0	
SMCS4000008001	STD STOCK	8	1400 ±2%	5000 ±2%	11.800	Matt	Smooth	-	0	
SMCS4000010001	STD NOT STOCK	10	1400 ±2%	5000 ±2%	14.750	Matt	Smooth	-	0	
SMCS4000012001	STD NOT STOCK	12	1400 ±2%	5000 ±2%	17,64	Matt	Smooth	-	0	
SMCS4000015001	STD NOT STOCK	15	1400 ±2%	5000 ±2%	22,05	Matt	Smooth	-	0	
SMCS4000020001	STD NOT STOCK	20	1400 ±2%	5000 ±2%	29,4	Matt	Smooth	-	0	

**IDENTIFICATION**

<i>Labelling</i>	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)
<i>Wrapping</i>	Black polyethylene film.(94/62/EC - LDPE4)
<i>Packaging</i>	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.