

C400 CR SBR

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CHLOROPRENE 40 SHEETING: FOR TECHNICAL APPLICATIONS

FEATURES

40 Shore A chloroprene.

ADVANTAGES

- Flexible
- Good low temperature resistance
- Good dry high temperature resistance
- Matte finish to guarantee a good surface finished quality, to secure an easy unrolling, and to facilitate adhesive bonding processes

BENEFITS

- Safety
- Economy


APPLICATIONS

Gaskets or washers cutting and manufacturing of pieces for general 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.

www.trelleborg.com/elastomerlaminates

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
MECHANICAL				
Rubber compound - black			CR SBR	
Density			1.33 ± 0.05	g/cm³
Hardness		ASTM D2240	40 ± 5	Shore A
Tensile strength		ISO 37	≥ 4	MPa
Elongation at break		ISO 37	≥ 450	%
Tear resistance		ISO 34-1	≥ 11	N/mm
Compression set after 22 h at 70 °C		ISO 815-1	≤ 40	%
TEMPERATURE				
Working temperature			- 30/+ 90	°C
AGEING				
Δ Hardness after 70 h at 70 °C		ASTM D573	≤ 5	Shore A
Δ Tensile strenght after 70 h at 70 °C		ASTM D573	≤ - 15	%
Δ Elongation at break after 70 h at 70 °C		ASTM D573	≤ - 40	%
OIL RESISTANCE				
Oil IRM 901, Δ volume after 70 h at 70 °C		ASTM D471	≤ 26	%
CHEMICAL RESISTANCE				
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons	
Medium	Non suitable	Medium	Medium	

DIMENSIONS

Thickness (mm)		Width (mm)		Length (m)		Weight (kg/m ²)	Sides finish
2	± 0.3	1400	± 2 %	15	± 2 %	2.66	2 sides matt
3	± 0.3	1400	± 2 %	10	± 2 %	3.99	2 sides matt
4	± 0.4	1400	± 2 %	10	± 2 %	5.32	2 sides matt
5	± 0.4	1400	± 2 %	10	± 2 %	6.65	1 side smooth/1 side matt
6	± 0.5	1400	± 2 %	10	± 2 %	7.98	1 side smooth/1 side matt

IDENTIFICATION

Branding	Without.
Packaging	Thickness ≤ 6 mm rolled on cardboard tube Ø 80 mm. Thickness > 6 mm in roll.
Wrapping	Black polyethylene film.
Labelling	Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability.