

483 CR

13/05/2015



CHLOROPRENE 60 SHEETING: FOR TECHNICAL APPLICATIONS

FEATURES

60 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:

- 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.

www.trelleborg.com/elastomerlaminates

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics	Standard	Value
MECHANICAL		
<i>Rubber compound - black</i>		
		CR 
<i>Density</i>		1.30 ± 0.05 g/cm ³
<i>Hardness</i>	ASTM D2240	60 ± 5 Shore A
<i>Tensile strength</i>	ISO 37	≥ 13 MPa
<i>Elongation at break</i>	ISO 37	≥ 250 %
<i>Tear resistance</i>	ISO 34-1	≥ 28 N/mm
<i>Compression set after 24 h at 70 °C</i>	ISO 815-1	≤ 10 %
<i>Compression set after 24 h at 100 °C</i>	ISO 815-1	≤ 20 %

TEMPERATURE

<i>Working temperature</i>		-35/+100 °C
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AGEING

<i>Δ Hardness after 72 h at 100 °C</i>	ASTM D573	≤ 5	Shore A
<i>Δ Tensile strength after 72 h at 100 °C</i>	ASTM D573	≤ -10	%
<i>Δ Elongation at break after 72 h at 100 °C</i>	ASTM D573	≤ -15	%

OIL RESISTANCE

<i>Oil IRM 901, Δ volume after 70 h at 100 °C</i>	ASTM D471	± 15	%
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CHEMICAL RESISTANCE

Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons
Very good	Good	Good	Good

DIMENSIONS

Thickness (mm)		Width (mm)		Length (m)		Weight (kg/m ²)	Sides finish
0.5	± 0.3	1400	± 2 %	20	± 2 %	0.81	2 sides matt
2	± 0.3	1400	± 2 %	15	± 2 %	2.7	2 sides matt
4	± 0.4	1400	± 2 %	10	± 2 %	5.3	2 sides matt
5	± 0.4	1400	± 2 %	10	± 2 %	6.7	2 sides matt
8	± 0.7	1400	± 2 %	5.5	± 2 %	10.5	2 sides matt
10	± 1.0	1400	± 2 %	5.5	± 2 %	13.0	2 sides matt

IDENTIFICATION

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