

# 483 CR

16/09/2014



## 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](http://www.trelleborg.com/elastomerlaminates)

## MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

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

### TEMPERATURE

Working temperature		- 35/+ 120 °C
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### AGEING

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

### OIL RESISTANCE

Oil IRM 901, Δ volume after 70 h at 100 °C	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 <sup>2</sup> )	Sides finish
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
12 ± 1.0	1400 ± 2 %	5 ± 2 %	15.6	2 sides 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 <sup>2</sup> , nominal weight, and product code to allow product traceability.