

# CS24 CR

19/09/2014



## 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		1.5 ± 0.05 g/cm <sup>3</sup>
	Hardness	ASTM D2240	60 ± 5 Shore A
	Tensile strength	ISO 37	≥ 5 MPa
	Elongation at break	ISO 37	≥ 300 %
	Tear resistance	ISO 34-1	≥ 15 N/mm
	Compression set after 24 h at 70 °C	ISO 815-1	≤ 30 %
	Compression set after 24 h at 100 °C	ISO 815-1	≤ 45 %

### TEMPERATURE

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

Δ Hardness after 72 h at 100 °C	ASTM D573	≤ 10 Shore A
Δ Tensile strenght after 72 h at 100 °C	ASTM D573	≤ 10 %
Δ Elongation at break after 72 h at 100 °C	ASTM D573	≤ - 30 %

### 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
<b>Very good</b>	<b>Medium</b>	<b>Medium</b>	<b>Medium</b>

### DIMENSIONS

Thickness (mm)	Width (mm)	Length (m)	Weight (kg/m <sup>2</sup> )	Sides finish	Option (ply)
1 ± 0.3	1400 ± 2 %	20 ± 2 %	1.5	2 sides matt	1P
1.5 ± 0.3	1400 ± 2 %	15 ± 2 %	2.2	2 sides matt	1P
2 ± 0.3	1400 ± 2 %	15 ± 2 %	3.0	2 sides matt	1P
3 ± 0.3	1400 ± 2 %	10 ± 2 %	4.4	2 sides matt	1P
4 ± 0.4	1400 ± 2 %	10 ± 2 %	5.8	2 sides matt	2P
5 ± 0.4	1400 ± 2 %	10 ± 2 %	7.3	1 side smooth/1 side matt	2P
6 ± 0.5	1400 ± 2 %	10 ± 2 %	8.7	1 side smooth/1 side matt	
8 ± 0.7	1400 ± 2 %	5 ± 2 %	12.5	1 side smooth/1 side matt	
10 ± 1.0	1400 ± 2 %	5 ± 2 %	15.8	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 <sup>2</sup> , nominal weight, and product code to allow product traceability.