



# CF03 CR

black | density 1.40 | hardness 60

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## 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>				
<i>Rubber compound</i>			CR	
<i>Density</i>			1.40 ± 0.05	g/cm <sup>3</sup>
<i>Hardness</i>		ASTM D2240	60 ± 5	Shore A
<i>Tensile strength</i>		ISO 37	≥ 7	MPa
<i>Elongation at break</i>		ISO 37	≥ 250	%
<i>Tear resistance</i>		ISO 34-1	≥ 15	N/mm
<i>Compression set after 22 h at 70 °C</i>		ISO 815-1	≤ 30	%
<b>TEMPERATURE</b>				
<i>Working temperature</i>			- 25/+ 100	°C
<b>AGEING</b>				
<i>Δ Tensile strength after 168 h at 70 °C</i>		ASTM D573	≤ - 15	%
<i>Δ Elongation at break after 168 h at 70 °C</i>		ASTM D573	≤ - 25	%
<b>OIL RESISTANCE</b>				
<i>Oil IRM 901, Δ volume after 70 h at 100 °C</i>		ASTM D471	± 15	%
<b>CHEMICAL RESISTANCE</b>				
<i>Diluted acids and bases</i>	<i>Concentrated acids and bases</i>	<i>Ozone</i>	<i>Oils and hydrocarbons</i>	
<b>Good</b>	<b>Medium</b>	<b>Good</b>	<b>Good</b>	

## DIMENSIONS

Thickness (mm)	Width (mm)	Length (m)	Weight (kg/m <sup>2</sup> )	Pattern	Option (ply)	
1	± 0.3	1400 ± 2 %	20 ± 2 %	1.40	2 sides matt	
1.5	± 0.3	1400 ± 2 %	15 ± 2 %	2.10	2 sides matt	
2	± 0.3	1400 ± 2 %	15 ± 2 %	2.80	2 sides matt	
3	± 0.3	1400 ± 2 %	10 ± 2 %	4.20	2 sides matt	1P
4	± 0.4	1400 ± 2 %	10 ± 2 %	5.60	2 sides matt	1P
5	± 0.4	1400 ± 2 %	10 ± 2 %	7.00	1 side smooth/1 side matt	2P
6	± 0.5	1400 ± 2 %	10 ± 2 %	8.40	1 side smooth/1 side matt	2P
8	± 0.7	1400 ± 2 %	5 ± 2 %	11.20	1 side smooth/1 side matt	
10	± 1.0	1400 ± 2 %	5 ± 2 %	14.00	1 side smooth/1 side matt	
12	± 1.0	1400 ± 2 %	5 ± 2 %	16.80	1 side smooth/1 side matt	
15	± 1.0	1400 ± 2 %	5 ± 2 %	21.00	1 side smooth/1 side matt	
20	± 1.4	1400 ± 2 %	5 ± 2 %	28.00	1 side smooth/1 side 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 <sup>2</sup> , nominal weight, and product code to allow product traceability.