

CF49 CR/SBR

16/07/2014



CHLOROPRENE SHEETING: STANDARD LEVEL QUALITY

FEATURES

Standard chloroprene.

ADVANTAGES

- Flexible
- Strong mechanical deformations allowed
- Medium resistance to oils
- Medium resistance to ozone
- Good ratio quality/price

BENEFITS

- 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.

No resistance to petrol, oxygenated fuel, domestic gas.

www.trelleborg.com/elastomerlaminates

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics	Standard	Value	
MECHANICAL			
<i>Rubber compound - black</i>		CR/SBR 	
<i>Density</i>		1.40 ± 0.05	g/cm ³
<i>Hardness</i>	ASTM D2240	65 ± 5	Shore A
<i>Tensile strength</i>	ISO 37	≥ 6	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	≤ 40	%
<i>Compression set after 22 h at 100 °C</i>	ISO 815-1	≤ 60	%


TEMPERATURE

<i>Working temperature</i>	- 25/+ 90	°C
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CHEMICAL RESISTANCE

<i>Diluted acids and bases</i>	<i>Concentrated acids and bases</i>	<i>Ozone</i>	<i>Oils and hydrocarbons</i>
Medium	Non suitable	Medium	Medium

DIMENSIONS

	<i>Thickness (mm)</i>	<i>Width (mm)</i>	<i>Length (m)</i>	<i>Weight (kg/m²)</i>	<i>Sides finish</i>	<i>Option (ply)</i>		
1	± 0.3	1400	± 2 %	20	± 2 %	1.40	2 smooth sides	
1.5	± 0.3	1400	± 2 %	15	± 2 %	2.10	2 smooth sides	
2	± 0.3	1400	± 2 %	15	± 2 %	2.80	2 smooth sides	
3	± 0.3	1400	± 2 %	10	± 2 %	4.20	2 smooth sides	
4	± 0.4	1400	± 2 %	10	± 2 %	5.60	2 smooth sides	
5	± 0.4	1400	± 2 %	10	± 2 %	7.00	2 smooth sides	
6	± 0.5	1400	± 2 %	10	± 2 %	8.40	2 smooth sides	
8	± 0.7	1400	± 2 %	5	± 2 %	11.20	2 smooth sides	
10	± 1.0	1400	± 2 %	5	± 2 %	14.00	2 smooth sides	
12	± 1.0	1400	± 2 %	5	± 2 %	16.80	2 smooth sides	
15	± 1.0	1400	± 2 %	5	± 2 %	21.00	2 smooth sides	
20	± 1.4	1400	± 2 %	5	± 2 %	28.00	2 smooth sides	

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.