

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

## MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics	Standard	Value
<b>MECHANICAL</b>		
<i>Rubber compound - black</i>		CR/SBR 
<i>Density</i>		1.40 ± 0.05 g/cm <sup>3</sup>
<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>
<b>Medium</b>	<b>Non suitable</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 %	1.40	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	1P
3	± 0.3	1400 ± 2 %	10 ± 2 %	4.20	2 smooth sides	1P
4	± 0.4	1400 ± 2 %	10 ± 2 %	5.60	2 smooth sides	1P
5	± 0.4	1400 ± 2 %	10 ± 2 %	7.00	2 smooth sides	2P
6	± 0.5	1400 ± 2 %	10 ± 2 %	8.40	2 smooth sides	2P
8	± 0.7	1400 ± 2 %	5 ± 2 %	11.20	2 smooth sides	2P
10	± 1.0	1400 ± 2 %	5 ± 2 %	14.00	2 smooth sides	2P
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 <sup>2</sup> , nominal weight, and product code to allow product traceability.