

# CF49 CR/SBR

black | density 1.40 | hardness 65

03/07/2014

## 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>			
	Rubber compound		CR/SBR
	Density		1.40 ± 0.05 g/cm <sup>3</sup>
	Hardness	ASTM D2240	65 ± 5 Shore A
	Tensile strength	ISO 37	≥ 6 MPa
	Elongation at break	ISO 37	≥ 250 %
	Tear resistance	ISO 34-1	≥ 15 N/mm
	Compression set after 22 h at 70 °C	ISO 815-1	≤ 40 %
	Compression set after 22 h at 100 °C	ISO 815-1	≤ 60 %

### TEMPERATURE

Working temperature - 25/+ 90 °C

### CHEMICAL RESISTANCE

Diluted acids and bases      Concentrated acids and bases      Ozone      Oils and hydrocarbons

Medium

Non suitable

Medium

Medium

### 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 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

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.