

# CF14 CR



## CHLOROPRENE SHEETING HIGH PERFORMANCE

### FEATURES

High grade chloroprene.

### APPLICATIONS

Elastic bearings in following activities areas: building, civil engineering, mechanical construction, etc.

Gaskets or washers cutting and manufacturing of pieces for general industrial purpose applications in contact with:

- water, sea water
- mineral oils
- animal and vegetal oils and greases

### ADVANTAGES

- ▮ Very good wear resistance
- ▮ Very good compression resistance
- ▮ Excellent ageing resistance
- ▮ Very good oil and grease resistance (maximum temperature +120 °C)
- ▮ Excellent ozone resistance
- ▮ Good resistance to inorganic chemical products
- ▮ Medium resistance to aliphatic hydrocarbons
- ▮ Very good high temperature resistance
- ▮ Matte finish to guarantee a good surface finished quality and to secure an easy unrolling.

### BENEFITS

- ▮ Performance
- ▮ Service life
- ▮ Safety

## MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
<b>MECHANICAL</b>				
Rubber compound - black			CR	I
Density			1.30 ±0.05	g/cm <sup>3</sup>
Hardness	ASTM D2240		60 ±5	Shore A
Tensile strength	ISO 37		≥10	MPa
Elongation at break	ISO 37		≥250	%
Tear resistance	ISO 34-1		≥15	N/mm
Abrasion resistance (10N)	ISO 4649		≤150	mm <sup>3</sup>
Compression set after 22h at 70 °C	ISO 815-1		≤25	%
<b>TEMPERATURE</b>				
Working temperature			-35/+120	°C
<b>AGEING</b>				
Δ Tensile strength after 168h at 70 °C	ASTM D573		≤-15	%
Δ Elongation at break after 168h at 70 °C	ASTM D573		≤-25	%
Ozone resistance, 200pphm, 72h, 30 °C, 20%	ISO 1431-1 method A		No crack	
<b>OIL RESISTANCE</b>				
Oil IRM 901, Δ volume after 70h at 100 °C	ISO 1817		±15	%
<b>CHEMICAL RESISTANCE</b>				
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons	
Good	Good	Very good	Good	

## IDENTIFICATION

Branding	Without.
Packaging	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm 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.

Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.

<b>CR</b>		<b>CHLOROPRENE SHEETING</b>		<b>CF14</b>	
<b>THICKNESS</b> mm	<b>WIDTH</b> mm	<b>LENGTH</b> m	<b>WEIGHT</b> kg/m <sup>2</sup>	<b>SIDES FINISH</b>	
3±0.3	1400±2%	10±2%	3.91	2 SIDES MATT	
4±0.4	1400±2%	10±2%	5.21	2 SIDES MATT	
5±0.4	1400±2%	10±2%	6.51	1 SIDE SMOOTH/1 SIDE MATT	
6±0.5	1400±2%	10±2%	7.81	1 SIDE SMOOTH/1 SIDE MATT	

