

# 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 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 m2, nominal weight, and product code to allow product traceability.

<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>	
2±0.3	1400±2%	15±2%	2.6	2 SIDES MATT	
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	

