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	
MECHANICAL			
Rubber compound - black		CR	l
Density		1.30 ±0.05	g/cm³
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	mm³
Compression set after 22h at 70°C	ISO 815-1	≤25	%
TEMPERATURE			
Working temperature		-35/+120	°C
AGEING			
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	
OIL RESISTANCE			
Oil IRM 901, Δ volume after 70h at 100°C	ISO 1817	±15	%

CHEMICAL RESISTANCE

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.

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.

CR	CHLOROPRENE SHEETING	CF14			
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m²	SIDES FINISH	
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	

TRELLEBORG