



C500

CR SBR



**CHLOROPRENE 50
SHEETING
FOR TECHNICAL
APPLICATIONS**

FEATURES

50 Shore A chloroprene.

APPLICATIONS

Gaskets or washers cutting and manufacturing of pieces for general industrial purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Non suitable for oxygenated and halogen solvents, aromatic hydrocarbon, mineral and organic acids, washed water.

ADVANTAGES

- Flexible
- Good low temperature resistance
- Good dry high temperature resistance
- Matte finish to guarantee a good surface finished quality and to secure an easy unrolling.

BENEFITS

- Safety
- Economy

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
MECHANICAL				
Rubber compound - black			CR SBR	I
	Density		1.35 ±0.05	g/cm³
	Hardness	ASTM D2240	50 ±5	Shore A
	Tensile strength	ISO 37	≥4.5	MPa
	Elongation at break	ISO 37	≥400	%
	Tear resistance	ISO 34-1	≥13	N/mm
	Compression set after 22h at 70 °C	ISO 815-1	≤40	%
TEMPERATURE				
	Working temperature		-30/+100	°C
AGEING				
	Δ Hardness after 70h at 70 °C	ASTM D573	≤5	Shore A
	Δ Tensile strength after 70h at 70 °C	ASTM D573	≤-15	%
	Δ Elongation at break after 70h at 70 °C	ASTM D573	≤-40	%
OIL RESISTANCE				
	Oil IRM 901, Δ volume after 70h at 70 °C	ISO 1817	≤26	%
CHEMICAL RESISTANCE				
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons	
Medium	Non suitable	Medium	Medium	
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 SBR		CHLOROPRENE 50 SHEETING		C500	
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m ²	SIDES FINISH	
1±0.2	1400±2 %	20±2 %	1.33	2 SIDES MATT	
2±0.3	1400±2 %	15±2 %	2.65	2 SIDES MATT	
3±0.3	1400±2 %	10±2 %	3.98	2 SIDES MATT	
4±0.4	1400±2 %	10±2 %	5.3	2 SIDES MATT	
5±0.4	1400±2 %	10±2 %	6.63	1 SIDE SMOOTH/1 SIDE MATT	
6±0.5	1400±2 %	10±2 %	7.96	1 SIDE SMOOTH/1 SIDE MATT	
8±0.7	1400±2 %	5±2 %	10.61	1 SIDE SMOOTH/1 SIDE MATT	

