

# C500

# CR SBR



## CHLOROPRENE 50 SHEETING FOR TECHNICAL APPLICATIONS

### Caractéristiques

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.

### Avantages

- ▮ 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.


### Bénéfices

- ▮ Safety
- ▮ Economy

## PROPRIETES MECANIQUES ET PHYSICO CHIMIQUES

Caractéristiques mesurées		Norme de référence	Valeur	
<b>MECANIQUES</b>				
Elastomère - Noir			CR SBR	I
Densité			1.35 ±0.05	g/cm <sup>3</sup>
Dureté	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 à 70 °C	ISO 815-1		≤40	%
<b>TEMPERATURE</b>				
Température d'utilisation			-30/+100	°C
<b>VEILLISSEMENT</b>				
Dureté après 70h à 70 °C		ASTM D573	≤5	Shore A
Rr/Rr après 70h à 70 °C		ASTM D573	≤-15	%
Ar/Ar après 70h à 70 °C		ASTM D573	≤-40	%
<b>TENUE AUX HUILES</b>				
Oil IRM 901, Volume après 70h à 70 °C		ISO 1817	≤26	%
<b>Résistance Chimique</b>				
Acides et bases dilués	Acides et bases concentrés	Ozone	Huiles et Hydrocarbures	
Medium	Non suitable	Medium	Medium	
<b>Identification</b>				
Marquage	Without.			
Conditionnement	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.			
Emballage	Black polyethylene film.			
Etiquetage	Self-adhesive label indicating product name, dimensions, area in m2, nominal weight, and product code to allow product traceability.			

Identification

CR SBR	CHLOROPRENE 50 SHEETING	C500			
EPAISSEUR mm	LARGEUR mm	LONGEUR m	WEIGHT kg/m <sup>2</sup>	ASPECT	
1±0.2	1400±2%	20±2%	1.33	LFODE	
1.5±0.25	1400±2%	15±2%	1.99	LFODE	
2±0.3	1400±2%	15±2%	2.65	LFODE	
3±0.3	1400±2%	10±2%	3.98	LFODE	
4±0.4	1400±2%	10±2%	5.3	LFODE	
5±0.4	1400±2%	10±2%	6.63	LFODF	
6±0.5	1400±2%	10±2%	7.96	LFODF	
8±0.7	1400±2%	5±2%	10.61	LFODF	

