

CS40

CR SBR



CHLOROPRENE 70 SHEETING FOR TECHNICAL APPLICATIONS

FEATURES

70 Shore A chloroprene.

APPLICATIONS

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

- water, sea water
- oils and grease
- mineral oils (maximum temperature +100 °C)

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			1.45 ±0.05	g/cm ³
Hardness	ASTM D2240		70 ±5	Shore A
Tensile strength	ISO 37		≥6	MPa
Elongation at break	ISO 37		≥300	%
Compression set after 24h at 70 °C	ISO 815-1		≤35	%
TEMPERATURE				
Working temperature			-20/+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		≤5	%
Δ Elongation at break after 70h at 70 °C	ASTM D573		≤-15	%
OIL RESISTANCE				
Oil IRM 901, Δ volume after 72h at 70 °C	ISO 1817		≤20	%
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.			

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THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m ²	SIDES FINISH	OPTION (ply)
1±0.2	1400±2%	20±2%	1.56	2 SIDES MATT	
1.5±0.25	1400±2%	15±2%	2.21	2 SIDES MATT	
2±0.3	1400±2%	15±2%	3.12	2 SIDES MATT	
2±0.3	1400±2%	15±2%	3.12	2 SIDES MATT	1P
3±0.3	1400±2%	10±2%	4.68	2 SIDES MATT	
3±0.3	1400±2%	10±2%	4.68	2 SIDES MATT	1P
3±0.3	1400±2%	10±2%	4.68	2 SIDES MATT	2P
4±0.4	1400±2%	10±2%	6.24	2 SIDES MATT	
4±0.4	1400±2%	10±2%	6.06	2 SIDES MATT	2P
5±0.4	1400±2%	10±2%	7.38	1 SIDE SMOOTH/1 SIDE MATT	
5±0.4	1400±2%	10±2%	7.83	1 SIDE SMOOTH/1 SIDE MATT	2P
6±0.5	1400±2%	10±2%	8.85	1 SIDE SMOOTH/1 SIDE MATT	
8±0.7	1400±2%	5±2%	11.8	1 SIDE SMOOTH/1 SIDE MATT	
10±1.0	1400±2%	5±2%	14.75	1 SIDE SMOOTH/1 SIDE MATT	
12±1.0	1400±2%	5±2%	17.7	1 SIDE SMOOTH/1 SIDE MATT	
15±1.0	1400±2%	5±2%	22.13	1 SIDE SMOOTH/1 SIDE MATT	
20±1.4	1400±2%	5±2%	29.65	1 SIDE SMOOTH/1 SIDE MATT	

