

# 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 industrial 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	
<b>MECHANICAL</b>				
Rubber compound - black			CR SBR	I
Density			1.45 ±0.05	g/cm <sup>3</sup>
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	%
<b>TEMPERATURE</b>				
Working temperature			-20/+100	°C
<b>AGEING</b>				
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	%
<b>OIL RESISTANCE</b>				
Oil IRM 901, Δ volume after 72h at 70 °C	ISO 1817		≤20	%
<b>CHEMICAL RESISTANCE</b>				
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 m <sup>2</sup> , 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 70 SHEETING	CS40			
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m <sup>2</sup>	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	

