

TECHNICAL DATA SHEET

CHLOROPRENE (CR) RUBBER SHEET

Plates manufactured from CR chloroprene rubber, also known as neoprene rubber.

It is highly resistant to ozone, weathering, chemical agents; it withstands oils and greases, mineral oils and other solvents, alcohols and glycols, refrigerants (freons), diluted acids, bases and water. Suitable also for ammonia, argon and other gases. It tends to wear out more slowly. It features self-extinguishing properties.



Hardness (H)	°ShA	65 ±5
Tensile strength (TS _b) min	MPa	4
Relative elongation after rupture (E _b) min	%	200
Relative permanent deformation after compression at constant deflection after 24h, at temp.		
70 °C	%	≤40
100 °C	%	≤60
Resistance to heat ageing in air at 100 °C after 72 h (SC)		
Change of strength ΔTS _b	%	± 30
Change of elongation ΔE _b	%	- 50
Shore hardness change ΔH	°ShA	± 10
Oil resistance IRM 903 ΔV 20 °C/24h	%	± 2
Resistance to diluted acids at 23 °C, 72h (20% H ₂ SO ₄ ; 50% acetic acid) Δm max	%	2
Density (ρ) max	Mg/m ³	1,55
Brittleness temperature (T _k)	°C	-30

The sheets are produced in the following dimensions:

Thickness (mm)	Roll width (mm)	Roll length (m)
1	1200	10
2	1200	10
3	1200	10
4	1200	10
5	1200	10
6	1200	10
8	1200	10
10	1200	10
12	1200	10
8	sheet size 1000x1000mm	
10	sheet size 1000x1000mm	
12	sheet size 1000x1000mm	
15	sheet size 1000x1000mm	
20	sheet size 1000x1000mm	
25	sheet size 1000x1000mm	
30	sheet size 1000x1000mm	
40	sheet size 1000x1000mm	
50	sheet size 1000x1000mm	

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