

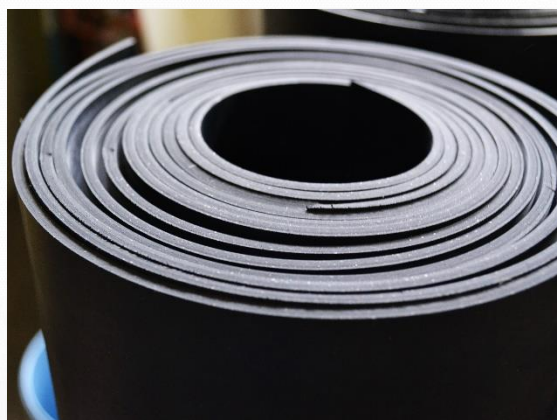
TECHNICAL DATA SHEET

ACID RESISTANT EPDM RUBBER SHEET

Vulcanised sheets made of EPDM rubber (ethylene-propylene-diene rubber) stands out for its exceptionally good capacity for reversible deformation, which occurs under the influence of mechanical forces. The deformation occurs while maintaining the continuity structure of the material. This feature remains unchanged even when exposed to temperatures as high as +110°C. Celsius. EPDM rubber remains elastic even at a temperature of -40°C.

THE RUBBER IS RESISTANT TO:

- Hot water and steam up to +150 °C.
- Glycol-based brake oils up to 150 °C
- Organic and inorganic acids
- Alkalis: potassium and sodium bases and cleaning agents
- Hydraulic fluids based on phosphate esters
- Silicone based oils and greases
- Polar solvents such as ketones, esters and alcohols
- Skydrol 500 and 7000
- Effects of ozone and UV radiation
- Ageing under atmospheric conditions
- Does not discolour or stain other materials



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 strain after 24h, at temp.		
70 °C	%	≤ 50
100 °C	%	≤ 60%
Resistance to heat ageing in air at 100 °C after 72 h		
Strength change ΔTS _b	%	±30
Elongation change ΔE _b	%	-50
Shore hardness change ΔH	°ShA	±10
Density (ρ) max	Mg/m ³	1,40

The sheets are manufactured 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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