



MATERIAL SPECIFICATION SHEET : EPDM FOAM

General Purpose EPDM Foam, supplied in a variety of thicknesses. EPDM is suitable for applications where resistance to ozone, sunlight, UV and oxidation is of paramount importance. Features include a closed cell structure making it impermeable to air and water. EPDM is a durable and cheap material, has good aging properties. EPDM foam has a weak resistance to oils and many petroleum derivatives and chemicals.

Base Rubber	EPDM
Cellular Structure	Closed Cell
Colour	Black
Shore Hardness	0.15=0.02 g/cc: 8.0 – 10.5lb/cu ft
Compression Deflection (00 scale)	35-63 kPa : 5-9 psi
Compression Set (50% /22HR 23 C 24 HR REC)	25% MAX
Water Absorbtion	5% MAX
Linear Shrinkage 10 days / 23 C	3% MAX
Elongation at Break	90% minimum
Tensile Strength	450 (min) kPa : 65 (min) lb/In
Max Use Temepature	
A) Constant	-40 to 70 C
B) Intermittent	-40 to 100 C
Air & UV Resistance	GOOD
Ozone Resistance	VERY GOOD
Fluid Uptake	NOT ACCEPTABLE % W/W
Specification Class ASTM D1056 (91)	2A2, B

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