



EPDM FOAM

MATERIAL SPECIFICATION SHEET

General purpose EPDM foam is 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.

TECHNICAL DETAILS		TYPICAL VALUE
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 Absorption		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 Temperature	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
Flame Resistance		Self-Extinguishing
Environmental Protection		CFC & HCFC Free



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