



SPECIFICATION SHEET

CLOSED CELL EXPANDED EPDM

General purpose, medium density, closed cell EPDM foam. A durable and cheap material that 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. Good ageing properties. A weak resistance to oils and many petroleum derivatives and chemicals.

BASE RUBBER	EPDM
CELLULAR STRUCTURE	CLOSED CELL
COLOUR	BLACK
DENSITY	0.15=0.02 g/cc: 8.0-10.5 lb/cu ft
SHORE HARDNESS (00 scale)	48 =5
COMPRESSION DEFLECTION	35-63 kPa : 5-9 psi
COMPRESSION SET (50% / 22HR 23 C 24 HR REC)	25 % MAX
WATER ABSORPTION	5% MAX
LINEAR SHRINKAGE A) 10 DAYS / 23 C B) 7 DAYS /70 C after a)	3% MAX 6% MAX
ELONGATION AT BREAK	90% MIN
TENSILE STRENGTH	450(MIN) kPa : 65(MIN) lb/In
MAX USE TEMPERATURE A) CONSTANT B) INTERMITTENT	- 40 TO 70 C 160 F - 40 TO 100 C 210 F
AIR & UV RESISTANCE	GOOD
OZONE RESISTANCE	VERY GOOD
FLUID UPTAKE	NOT ACCEPTABLE % W/W
SPECIFICATION CLASS ASTM D1056 (91) SAE J 18 (79) FMVSS 302	2A2, B RE 42 PASS

* After immersion in fuel b (30: 70 tolerance: is octane) 7 days at 23 C

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any particular application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable, but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied.