


MATERIAL DATA SHEET

DESCRIPTION EXPANDED NEOPRENE CORD 16MM DIAMETER		ORDER CODE ENC 612
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PARAMETER	VALUE
MATERIAL	BLACK EXPANDED NEOPRENE
CELL STRUCTURE	CLOSED CELL SPONGE WITH OUTER SKIN
DENSITY (ASTM D1056-78 (2A2))	130KG/M ³ ±10%
SHORE HARDNESS	40° SHORE OO
TEMPERATURE RANGE	-40°C TO +115°C (INT +130°C)
TENSILE STRENGTH (DIN 53577)	4.0N/CM ² (APPROX)
COMPRESSION DEFLECTION (ASTM D1056)	35 – 40KPA (APPROX)
WATER ABSORPTION (ASTM D1056)	2% VOLUME
ULTIMATE ELONGATION	>170%
<u>RESISTANCE</u>	
OZONE (DIN 53509)	EXCELLENT
AIR & UV	EXCELLENT
FIRE / FLAMMABILITY (FMVSS302)	PASS
UL94 HF (IN HOUSE TEST)	PASS
OIL	MEDIUM / GOOD

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ENC 612 CONTINUED

PARAMETER	VALUE
ACIDS	MEDIUM / GOOD
ODOUR	NEGLIGIBLE
ENVIRONMENTAL PROTECTION	CFC, HFC & SULPHUR FREE