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MATERIAL DATA SHEET

DESCRIPTION	ORDER CODE
PLAIN EXPANDED NEOPRENE SHEET 2M X 1M X 6MM THICK	**PENS 3220**
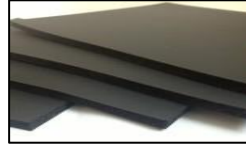
PARAMETER	VALUE
MAIN MATERIAL	BLACK CLOSED CELL EXPANDED NEOPRENE / EPDM SPONGE
DIMENSIONAL TOLERANCE – THICKNESS	±0.4MM
DENSITY	130KG/M³ ± 20
HARDNESS	29 – 41° SHORE OO
TEMPERATURE RANGE	-40°C TO +100°C (INT 120°C)
TENSILE STRENGTH (ISO 1798)	300KPA
COMPRESSION DEFLECTION @ 25% (ASTM D1056)	20 – 50KPA
COMPRESSION SET @ 23°C (ASTM D1056-00)	25%
WATER ABSORPTION (ASTM D1056-00)	5% MAX
ULTIMATE ELONGATION (ISO 1798)	150%
RESISTANCE	
ENVIRONMENTAL PROTECTION	CFC & HFC FREE
OZONE (DIN 53509)	EXCELLENT
AIR & UV	EXCELLENT
FLAMMABILITY ≥ 3MM THICKNESS (FMVSS 302)	PASS

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

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