

MATERIAL DATA SHEET

DESCRIPTION

ADHESIVE BACKED EXPANDED NEOPRENE STRIP 12MM X 5MM X 6M ROLL



ORDER CODE

AEN 2

PARAMETER	VALUE
MAIN MATERIAL	BLACK CLOSED CELL EXPANDED NEOPRENE / EPDM SPONGE
DIMENSIONAL TOLERANCE – WIDTH – THICKNESS	±0.4MM ±0.4MM
DENSITY	130KG/M ³ ± 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%
<u>RESISTANCE</u>	
ENVIRONMENTAL PROTECTION	CFC & HFC FREE
OZONE (DIN 53509)	EXCELLENT
AIR & UV	EXCELLENT
FLAMMABILITY ≥ 3MM THICKNESS (FMVSS 302)	PASS

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PARAMETER	VALUE
OIL / FUEL	POOR
ACIDS	MEDIUM / GOOD
ODOUR	NEGLIGIBLE
ENVIRONMENTAL PROTECTION	CFC, HFC & SULPHUR FREE
ADHESIVE BACKING MATERIAL	MODIFIED ACRYLIC
LINER TYPE	WHITE POLYTHENE – COATED KRAFT
RELEASE LINER THICKNESS	0.115MM
ADHESIVE THICKNESS	0.095MM ± 10%
TOTAL THICKNESS	0.210MM
PEEL ADHESION – 180°C OPEN SIDE CLOSED SIDE	700N/M 700N/M
POLYESTER LOOP TACK OPEN SIDE CLOSED SIDE	1000N/M 1000N/M
RELEASE FROM LINER	10N/M
TENSILE STRENGTH	1000N/M
SHEAR ADHESION (1KG @ 23°C)	>80 HOURS
ELONGATION @ BREAK	4%
APPLICATION TEMPERATURE	+5°C TO +25°C
TEMPERATURE RANGE	-40°C TO +140°C
SHELF LIFE	12 MONTHS