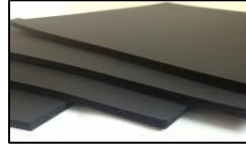


## MATERIAL DATA SHEET

DESCRIPTION

**ADHESIVE BACKED EXPANDED NEOPRENE SHEET 2M X 1M X 5MM THICK**



ORDER CODE

**AENS 3212**

PARAMETER	VALUE
MAIN MATERIAL	BLACK CLOSED CELL EXPANDED NEOPRENE / EPDM SPONGE
DIMENSIONAL TOLERANCE – THICKNESS	±0.4MM
DENSITY	130KG/M <sup>3</sup> ± 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
ADHESIVE WEIGHT RANGE	68 – 74G/M <sup>2</sup>
LINER TYPE	80G/M <sup>2</sup> (AMBER)
SUBSTRATE	SCRIM – 5G/M <sup>2</sup>
RELEASE LINER THICKNESS	0.080MM
ADHESIVE/CARRIER THICKNESS	0.075MM
TOTAL THICKNESS	0.155MM (155 MICRONS)
PEEL ADHESION TO STEEL OPEN SIDE CLOSED SIDE	1300N/M 1250N/M
LOOP TACK OPEN SIDE CLOSED SIDE	1100N/M 1100N/M
RELEASE FROM LINER	10N/M
SHEAR (25MM X 25MM @ 0.5KG)	20 HOURS
APPLICATION TEMPERATURE	+18°C TO +25°C
TEMPERATURE RANGE	-20°C TO +80°C
SHELF LIFE	12 MONTHS