

MATERIAL DATA SHEET

DESCRIPTION

**ADHESIVE BACKED EXPANDED NEOPRENE
STRIP 25MM X 5MM X 6M ROLL**



ORDER CODE

AEN 10

PARAMETER	VALUE
MAIN MATERIAL	BLACK CLOSED CELL EXPANDED NEOPRENE / EPDM SPONGE
DIMENSIONAL TOLERANCE – WIDTH – THICKNESS	±1.0MM ±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

This information and our technical advice, whether verbal, in writing or by way of trials, is given in good faith but without warranty. This also applies where proprietary rights are involved. Our advice does not release you from the obligations to check its validity and to test our products as to their suitability for the intended use. The storage, application and use of our products are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale. The information contained within this data sheet is subject to change without notice.

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