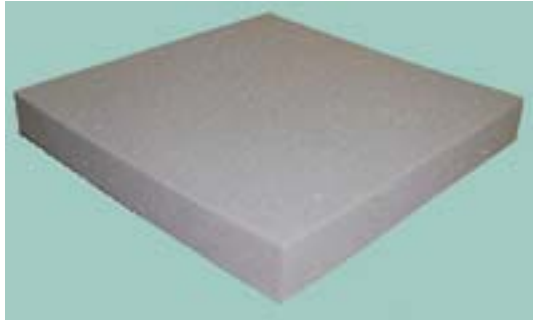


Sound Foam S



Description



Sound Foam S, is a flexible open cell polyurethane foam, offering excellent sound absorbing qualities over a wide range of frequencies, and is available plain or self-adhesive backed.

It is easy to handle cut and install. It can be supplied in sheet form from 6mm to 100mm thick, or it can also be supplied die-cut to size and shape. The product is available with a wide range of functional or decorative facings and fabrics. The foam can also be supplied as part of an acoustic composite product, with lead, polymeric barriers or damping sheets.

Applications

Sound Foam S is a self-extinguishing acoustic foam. It is used extensively in the motor industry for vehicle and cab interiors and also compressors, generators, enclosures, and other applications requiring a low-cost, general-purpose, acoustic lining material.

Specification

COLOUR	GREY
NOMINAL DENSITY RANGE	28 - 32Kg/m ³
NOMINAL HARDNESS RANGE	115 - 150 NEWTONS
ELONGATION AT BREAK	NOT LESS THAN 200%
NOMINAL TENSILE STRENGTH	NOT LESS THAN 100kPa
FIRE PERFORMANCE	F.M.V.S.S. 302 (SELF EXTINGUISHING)
OPERATING TEMPERATURE	-40°C TO 80°C

Acoustic Performance

THICKNESS (mm)	SOUND ABSORPTION COEFFICIENT					
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
25	0.10	0.19	0.49	0.66	0.67	0.84
50	0.15	0.33	0.76	0.85	0.81	1.02