TECHNICAL DATA SHEET

Inseal 3259

SKU: 889078, 889079, 889080, 889091, 889092, 889076

DESCRIPTION

Inseal 3259 is closed cell, medium density foam with an acrylic pressure sensitive adhesive coated on one side. It has a paper release liner on the non-adhesive side. Inseal 3259 will act as a water-seal and air/dust seal when compressed. It is available in black

APPLICATIONS

- Forms a compression water seal
- For preventing electrolytic corrosion
- For cushioning
- For replacing Chloroprene foam seals
- Forms a compression air/dust seal
- For anti-slip mounting
- For gap filling

BENEFITS

- Good resistance to dilute acid and alkalis
- Resistance to abrasion, corrosion and moisture
- Suitable for indoor and outdoor environments
- Similar properties to Neoprene
- No known hazards associated with this product
- Clean edge finish
- Clean to use
- Fire rated to DIN 4102 part 1, B2

PRODUCT APPLICATIONS

By hand direct from roll applying even pressure. Surface must be clean, dry and free from grease and dirt. Recommended cleaning agent is Propan-2-ol (IPA). Ensure compatibility of substrate with the solvent. Ideal bonding substrates are clean, dry, flat, smooth, dust-free and non-porous.

Low temperatures may increase risk of condensation, reducing the tack of the product, and the life expectancy of the product will vary with temperature and humidity.

Customers are recommended to make their own assessment of our products under their own conditions, for their own requirements.

SPECIFICATIONS

SHORE HARDNESS "00" SCALE	35
COMPRESSION REQUIRED TO EFFECT SEAL	30% minimum
FORCE COMPRESSION BY 30%	2.8 N/cm^{-2}
COMPRESSION DEFLECTION AFTER ONE MINUTE	2.4 N/cm^{-2}
10 MINUTE 180° PEEL ADHESION	5 N/25mm
TENSILE STRENGTH	48 N/cm^{-2}
ELONGATION AT BREAK	160%
THERMAL CONDUCTIVITY (K)	0.052 Wm^{-1} K^{-1}
CHEMICAL RESISTANCE	Good resistance to dilute acids / alkalis
UV RESISTANCE	Very Good
SERVICE TEMPERATURE	-30°C to +70°C
RECOMMENDED	+10°C to +40°C
ADHESIVE	Acrylic
THICKNESSES	1.5, 3, 4.5, 6, 10.5, 12mm
ADHESIVE	Acrylic

The information supplied is accurate to the best of knowledge and is based upon current data. Properties quoted are typical and do not therefore, constitute a specification. Customers are recommended to complete their own assessment of the product for its intended application under their own conditions. Please refer to the Conditions of Sale for further information.

The conditions under which this product is stored affect its performance. Storage should be in dry, well ventilated rooms with a reasonably consistent temperature around 20°C and protected from continuous exposure to direct sunlight. The product should always be applied to clean, dry and grease free surfaces.