

Technical Data

Packstat PS080 is primarily a foam compression sealant. The product is grey. The foam is predominantly closed celled and is a hard foam. An acrylic pressure sensitive adhesive is coated on one side, and the product has a paper release liner on the other non-adhesive face. PS080 will act as a water-seal and air/dust seal when compressed.

Product Benefits

- Minimum 30% compression required to effect a water seal.
- Service temperature: -30°C to +70°C.
- Application temperature: +10°C to +40°C.
- Shelf life of 1 year from date of dispatch.
- Coated on one side with a high quality pressure sensitive acrylic adhesive.
- Good resistance to dilute acids and alkalis.
- Paper release liner on the non-adhesive face, reducing dimensional change during application.
- Very good ultraviolet {UV} light resistance.
- Resistance to abrasion, corrosion and moisture.
- Suitable for indoor and outdoor environments.
- No known hazards associated with this product.
- Pre-determined dimensional sealant reduces waste.
- Clean to use / clean edge finish.

Main Applications

- Forms a compression water seal.
- For preventing electrolytic corrosion.
- For heavy duty cushioning.
- Forms a compression air / dust seal.
- For gap filling.
- For high load bearing applications.

Product Properties	Unit	Nominal Value
10 Minute 180° Peel Adhesion	N/25mm	5
Force to Compress by 30%	N/cm ²	6.1
Compression Deflection After 1 Minute	N/cm ²	5
Foam Density	Kg/mg ³	220
Shore Hardness {OO} Scale	"OO"	50
Elongation at Break	%	>180
Tensile Strength	N/cm ²	66
Thermal Conductivity (k)	Wm ⁻¹ K ⁻¹	0.043

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