



TECHNICAL DATA

Scapa 3594

PVC Single Sided Foam Tape

DESCRIPTION

Scapa 3594 is primarily a foam compression sealant. The product is white. The foam is predominantly closed celled and is a very 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.

Scapa 3594 will act as a water-seal and air/dust seal when compressed.

APPLICATIONS

- Forms a compression water seal
- For preventing electrolytic corrosion
- For cushioning
- For heavy duty applications
- Forms a compression air / dust seal
- For gap filling
- For anti slip mounting
- For applications where fire performance

PRODUCT BENEFITS

- Minimum 30% compression required to effect a water seal
- Service temperature -30°C to $+70^{\circ}\text{C}$
- Application temperature: $+10^{\circ}\text{C}$ to $+40^{\circ}\text{C}$
- Shelf life of 1 year from the date of despatch.
- Coated on one side with a high quality pressure sensitive acrylic adhesive
- Good resistance to dilute acids & alkalis
- Paper release liner on the non-adhesive face, reducing dimensional change during application
- Very good Ultra violet {UV} Light resistant
- Exhibits a high degree of flame retardancy
- 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

ACCREDITATIONS

- Fire rated to BS476 part 7, class 1
- Fire rated to UK Building regulations class O
- Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free)

TECHNICAL PROPERTIES

	Unit	Nominal Value	Test Method
Shore Hardness {OO} Scale	“00”	55	Scapa F16
Force To Compress By 30 %	Ncm ⁻²	5.5	Scapa F4
Compression Deflection After 1 Minute	Ncm ⁻²	4.0	Scapa F4
10 Minute 180° Peel Adhesion	N/25mm	5	Scapa F9
Tensile Strength	Ncm ⁻²	>90	Scapa F17
Elongation At Break	%	>170	Scapa F17
Thermal Conductivity (k)	Wm ⁻¹ K ⁻¹	0.052	Lee's Disc

STANDARD PRESENTATION

- Formats: Logs, Rolls, Die Cuts, Spools
- Thickness: 3.0; 4.5 mm
- Core: 76mm plastic core

RECOMMENDATIONS

Surfaces must be clean, dry, free from grease and dirt.

Recommended cleaning agent is Propan-2-ol, {IPA}. Please note manufacturer's safety instructions should be followed and customers are recommended to ensure compatibility of the solvent with their substrate.

Ideal bonding substrates are those which are: clean, dry, flat, smooth, dust free & non-porous

Low temperatures may increase the risk of condensation, reducing the tack of the product.

Life expectancy will vary with temperature and humidity.

Product may be applied by hand direct from a roll applying even pressure.

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