



Technical
DATA

Scapa 3594

PVC Single Sided Foam Tape - Hard, White, Class 'O' Fire Retardant, Waterseal

DESCRIPTION

Scapa 3594 is primarily a foam compression sealant. The product is white. 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. 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.

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.
- Exhibits a high degree of flame retardancy.
- 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.

Accreditation:

Fire rated to BS476: Part 6 : 1989 +A1: 2009 and to BS476: Part 7 : 1997 Class 1.

Complies with the requirements for Class 0 to the Building Regulations 2000.

Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free)

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
10 Minute 180° Peel Adhesion	5	N/25mm	Scapa F9
Compression Deflection After 1 Minute	4.3	Ncm ⁻²	Scapa F4
Elongation at Break	>200	%	Scapa F17
Foam Density	240	Kg/m ³	Scapa F2
Force To Compress By 30 %	5.1	Ncm ⁻²	Scapa F4
Shore Hardness {OO} Scale	45	"OO"	Scapa F16
Tensile Strength	>85	Ncm ⁻²	Scapa F17
Thermal Conductivity (k)	0.052	Wm ⁻¹ K ⁻¹	Lee's Disc

STANDARD PRESENTATIONS

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

RECOMMENDATIONS

The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10°C and +30°C. Under these conditions, the shelf life of the tape is 12 months from the date of dispatch.

Surfaces should be clean, dry and free of dust, grease, oil or other contaminants.

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