



PRODUCT INFORMATION

3594

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

Product Description:

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

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

Applications:

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

Standard Presentations:

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



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Features & 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 & alkalis
- Paper release liner on the non-adhesive face, reducing dimensional change during application
- Very good Ultra Violet {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 Class1

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

RECOMMENDATIONS:

Surfaces must be clean, dry and 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.