

Technical Data Sheet

Scapa 3594

PVC Single Sided Foam Tape

hard, white, Class O waterseal

SPONGE & FOAM

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.
- For anti-slip mounting.
- For fire retardancy applications.

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.



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

www.epdm.co.uk

E-Mail: Sales@epdm.co.uk

Contact

Telephone: +44 (0)1625 573971

FAX: +44(0)1625 573250

PTM Ltd

Units AG2/3 Clarence Mill

Clarence Road, Bollington

Macclesfield, Cheshire

SK10 5JZ

United Kingdom

- 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 {00} Scale	45	"00"	Scapa F16
Tensile Strength	>85	Ncm ⁻²	Scapa F17
Thermal Conductivity (k)	0.052	Wm ⁻¹ K ⁻¹	Lee's Disc

STANDARD PRESENTATIONS

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

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.



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