

## Technical Data Sheet

### Scapa 3507

#### PVC Single Sided Foam Tape

# SPONGE & FOAM

#### DESCRIPTION

Scapa 3507 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. Scapa 3507 will act as a water-seal and air/dust seal when compressed.

#### APPLICATIONS

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

#### PRODUCT BENEFITS

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



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](http://www.epdm.co.uk)

E-Mail: [Sales@epdm.co.uk](mailto:Sales@epdm.co.uk)

#### Contact

Telephone: +44 (0)1625 573971  
FAX: +44 (0)1625 573250  
Munsch & Co/PTM Ltd  
Units AG2/3 Clarence Mill  
Clarence Road, Bollington  
Macclesfield, Cheshire  
SK10 5JZ  
United Kingdom

**SPONGE & FOAM**

**Accreditation:**

Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free). Fire rated to DIN 4102 part 1, B2.

AbP DIN EN 13501-1:2010 Class E.

**TECHNICAL PROPERTIES**

Technical Property	Nominal Value	Unit	Test Method
10 Minute 180° Peel Adhesion	5	N/25mm	Scapa F9
Compression Deflection After 1 Minute	5.0	Ncm <sup>-2</sup>	Scapa F4
Elongation at Break	>180	%	Scapa F17
Foam Density	220	Kg/m <sup>3</sup>	Scapa F2
Force To Compress By 30 %	6.1	Ncm <sup>-2</sup>	Scapa F4
Shore Hardness {00} Scale	50	"00"	Scapa F16
Tensile Strength	66	Ncm <sup>-2</sup>	Scapa F17
Thermal Conductivity (k)	0.043	Wm <sup>-1</sup> K <sup>-1</sup>	Lee's Disc

**STANDARD PRESENTATIONS**

- Thickness : 0.8; 1.5; 2.5; 3.0; 4.5; 6.0 mm
- 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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