



Technical
DATA

Scapa 3154

PVC Single Sided Foam Tape - Soft, White, Air & Dust Seal

DESCRIPTION

Scapa 3154 is primarily a foam compression sealant. The product is white. The foam is predominantly open celled and is a soft 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 3154 acts as an air and dust seal when compressed.

This Technical Data Sheet comprises the revised 3154 - 9811 formulation of October, 2018 and changes in March 2020:

A number of technical properties are amended and documented for comparative purposes.

APPLICATIONS

- For anti-slip mounting.
- For cushioning and gap filling.
- For preventing electrolytic corrosion.
- Forms a compression dust seal.
- Forms a compression air 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 ultraviolet {UV} light resistance.
- Paper release liner on the non-adhesive face, reducing dimensional change during application.
- Good resistance to dilute acids and 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 50% compression required to effect an air/dust seal.

Accreditation:

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

Conforms to DIN EN 13501 - 1 Class E.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
10 Minute 180° Peel Adhesion	5	N/25mm	Scapa F9
Force To Compress By 50 %	1.1	N/cm ²	Scapa F4
Compression Deflection After 1 Minute	0.6	N/cm ²	Scapa F4
Foam Density	125	Kg/m ³	Scapa F2
Shore Hardness {OO} Scale	20	"OO"	Scapa F16
Elongation at Break	>145	%	Scapa F17
Tensile Strength	25	N/cm ²	Scapa F17

Note:

Changes to this Technical Data Sheet @ October, 2018 for the revised "3154-9811" product consist of:

Elongation at break was >170 % and is now >145 %

Foam density was 135 Kg/m³ and is now 125 Kg/m³

Shore Hardness {OO} Scale was 25 and is now 20

Tensile strength was 32 and is now 25

Further changes March, 2020 consist of:

Force To Compress By 50 % was 1.9 and is now 1.1 N/cm²

Compression Deflection After 1 Minute was 1.1 and is now 0.6 N/cm²

STANDARD PRESENTATIONS

- Core: 76 mm plastic
- Formats: Logs, Rolls, Spools
- Thickness : 3.0; 4.5; 6.0 mm.

Note:

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 requirement