Scapa AS1450-B

Premium performance, black, acrylic foam tape (AFT), 0.8mm.

DESCRIPTION

Scapa AS1450-B (0.8mm) - AFT is a high temperature resistant, double sided, pressure sensitive, acrylic foam bonding tape. The product is black. The product has a red colour, PE release liner system. The product is available in 0.8mm thicknesses.

APPLICATIONS

- Automotive emblem bonding.
- LED lighting system bonding.
- Electronic smart device component bonding.
- Appliance part assembly bonding.

PRODUCT BENEFITS

- Visco-elastic nature ensures a strong bond which can absorb shocks and stress.
- Provides a highly durable and long lasting bond for indoor and outdoor applications.
- Very good UV light resistance
- Excellent solvent, plasticiser and moisture resistance.
- Lightly foamed, soft, multi-purpose acrylic adhesive.
- Strong, thin and flexible foam structure.
- No volatile solvent residues and no known hazardous materials associated with this product.
- Long term service temperature +150°C.
- Short term service temperature +230°C (duration 4 hours).

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TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Density	780	Kg/m³	INTERNAL
90º Peel Adhesion Adhesive SUS	33	N/cm	ASTM D3330
Static Shear - 25°C	1,500	G	ASTM D3654
Static Shear 12KPa @ 93℃	1,000	G	ASTM D3654
Maximum Continuous Use Temperature	-30 to +150	°C to °C	-

Note:

90° Peel Adhesion (stainless steel) 72 hour dwell time.
Static shear at 23°C - 24 hour dwell; stainless steel; 10,000 minutes.
Static shear at 93°C - 24 hour dwell; stainless steel; 10,000 minutes.
Max. Temperature - long term: 250 grams under static load for 10,000 minutes.
Max. Temperature - short term: 100 grams under static load four hours = 230°C.

STANDARD PRESENTATIONS

- Core: plain plastic HIPS, 76mm diameter.
- Roll Length: 0.8mm = 33 metres
- Log width: usable 900mm.
- Colours: black.
- Liner : red PE liner, differential release of 1:2.
- Packaging: individual log boxes.

RECOMMENDATIONS

The logs should be stored flat on their cut edges in the original packaging, until required for use.
The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes.
Surfaces should be clean, dry and free from dusty, grease or other contaminants.

Ideal adhesive application temperature range is 20°C to 35°C (initial adhesive applications to surfaces at temperatures below 10°C is not recommended).

Service life will vary with conditions of use and is affected by climatic environment. Under these conditions, it is recommended that the product should be used within two years of the date of manufacture.

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