

Scapa 5709

Premium performance, black, polyethylene foam.

DESCRIPTION

Scapa 5709 - polyethylene foam (PE) is a high temperature resistant, double sided, bonding tape coated with acrylic pressure sensitive adhesive. The product is black. The product has a white colour, paper release liner. The product is available in 0.4mm thicknesses.

APPLICATIONS

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

PRODUCT BENEFITS

- Maintains dimensional integrity during die cutting / clean to use.
- Provides a highly durable and long lasting bond for indoor and outdoor applications
- Very good UV light resistance.
- Excellent solvent, plasticiser and moisture resistance.
- Coated on both sides with high quality pressure sensitive 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 -20°C to +80°C.
- Short term service temperature -20°C to +110°C (duration 30 minutes).
- Application temperature: +10°C to +40°C.
- Shelf life 12 months from date of dispatch

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
180° Peel Adhesion - 10 Minute dwell time	15	N/25mm	AFERA 4001
150 Hour Static shear @ 70 °C	0.2	Kg/cm ²	Scapa F21
500 hour Static Shear (Stainless Steel)	0.32	Kg/cm ²	Scapa F7
Elongation at Break	300	%	Scapa F17
Tensile Strength	270	N/cm ²	Scapa F17
T Block (Dynamic tensile) Adhesion (72 hour)	70	N/cm ²	Scapa F19

STANDARD PRESENTATIONS

- Core: Plain plastic; 76mm diameter.
- Roll Length: 0.4mm - 50 metres.
- Log width: usable 1,040mm
- Colours: Black.
- Liner : white siliconised polycoat paper.
- 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 storage temperature 5-30°C.

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 18 months from the date of manufacture.