

Scapa AS11Y0 TP

Clear Acrylic Bonding Tape 3mm (AFT Range)

DESCRIPTION

AS11Y0 TP is a UV cured thick acrylic bonding transfer tape coated onto a polyethylene release liner. The product is ultra-clear. It can be used on a wide variety of substrates including most metals, glass as well as many plastics. The total product thickness is 3.0mm.

APPLICATIONS

- Signage manufacturing.
- High adhesion on various surfaces : metals, glass, engineered plastics (excludes PE, PP)
- Metal stiffener bonding.
- Known areas of application: safety glass manufacture; signage manufacturing (PMMA and PC); furniture panels, glass cabinets; trim attachment (partition wall systems, decorative glazing trims); elevator control panel bonding.

PRODUCT BENEFITS

- Very good resistance to UV light.
- Higher thickness makes AS11Y0TP suitable to bond rougher or uneven surfaces
- No volatile residual solvent and no hazardous materials associated with this product
- Good resistance to abrasion, corrosion, moisture and plasticisers
- Service temperature: -30°C to +90°C continuous, short term +150°C peak (maximum duration 1 hour)
- AS11Y0 TP has excellent long term holding power and high tack.
- Complies with Directives 2000/53/EC (ELV) and 2002/95/EC (RoHS) restricting the use of heavy metals for products in the automotive and electronics markets.
- Very high transparency enables “invisible” bond

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Tensile Strength	34	N/25mm	ASTM D882
Elongation	800	%	ASTM D882
Density	1000	Kg/m ³	Mass - Volume
90° Peel Adhesion to Steel (20min)	60	N/25mm	ASTM D330: PSTC 101
90° Peel Adhesion Steel: 24 Hrs	85	N/25mm	ASTM D330: PSTC 101
90° Peel Adhesion 20 min Glass	60	N/25mm	ASTM D330: PSTC 101
90° Peel Adhesion 24 hr Glass	85	N/25mm	ASTM D330: PSTC 101
Dynamic Shear - Stainless Steel	150	N/(25mm) ²	ASTM D1002
Static Shear 15KPa @25°C	> 10,000	Min	ASTM D3654 PSTC 107M
Static Shear 8KPa @ 93°C	> 10,000	Min	ASTM D3654 PSTC 107M

STANDARD PRESENTATIONS

- Roll Length: 10 metres
- Core: 76mm, plain plastic
- Colours: Transparent
- Packaging: Cardboard, bulk packed with interleaving between layers
- Thickness : 3.0 mm
- Roll Width: Upon request 6mm to 25mm

RECOMMENDATIONS

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. The ideal storage temperature should be between 10°C and 30°C with relative humidity at 30 to 70%. The shelf life is 24 months from the date of manufacture. Surfaces should be clean, dry and free of dust, grease, oil or other contaminants.