

AFT450G

45 MIL PREMIUM ACRYLIC FOAM TAPE

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

DESCRIPTION

Double coated with an aggressive pressure-sensitive acrylic formulation, this acrylic foam tape is engineered to bond to almost any surface. Excellent resistance to solvents and temperature variances. Conforms well to curves, moves and flexes as needed on applications requiring contortion and bending characteristics.

PRODUCT APPLICATION

General purpose acrylic foam tape intended for use in mounting and bonding with appliances, electronic devices, signage, graphics, side molding, emblems, and weather stripping. Not intended for assembly of trailers and pull-behinds unless in conjunction with mechanical fasteners. Also not intended for use in permanent assembly or attachment of cladding and curtain wall architectural panels.

NOMINAL VALUES

The following data are nominal values based on PSTC, ASTM and other standard tests. The data should not be considered as specifications.

Backing	Acrylic Foam
Adhesive	Acrylic
Adhesion to Steel (oz/in of width)	
Room Temp x 30 minutes	188 (51 N/25mm)
80°C (176°F) x 30 minutes	197 (54 N/25mm)
-20°C (-4°F) x 30 minutes	143 (39 N/25mm)
Static Shear Adhesion to Steel (1 hour)	
20mm x 20mm x 1 kg @ 120°C (248°F)	Pass
Dynamic Shear Adhesion to Steel (oz/in width) (10mm x 10mm @200mm / minute removal speed)	
@ Room Temp x 30 mins	868 (237 N/25mm)
@ Room Temp x 24 hours	868 (237 N/25mm)
@ 80°C (176°F) x 30 minutes	985 (269 N/25mm)
@ -20°C (-4°F) x 30 minutes	899 (246 N/25mm)
@ 80°C (176°F) x 250 hours	940 (257 N/25mm)
@ -20°C (-4°F) x 250 hours	794 (217 N/25mm)
Temperature Resistance	
Short Term	4 hours
25mm x 25mm x 100g +150°C (302°F) Stainless Steel	
Long Term	17 hours
25mm x 25mm x 250g +93°C (200°F) Stainless Steel	
Total Thickness without Liner (mils)	45 (1.14 mm)
Liner Type/Thickness (mils)	PE – Red 4.8 (0.12mm)
Color	Grey



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EFFECTIVE: 04/14

