ACRYLIC FOAM TAPE · CODE 1080GF

AFT 1080GF

ISSUED January 2016 | REVIEWED June 2026 | PAGE 1

PRODUCT DESCRIPTION

MightyLoc AFT 1080GF is a grey acrylic foam tape which is designed for a wide variety of bonding applications that require excellent adhesion and durability. It exhibits good chemical & elevated temperature resistance. This tape is suitable for bonding wide range of substrates commonly used in the signage and metal fabrication industries including metal, Aluminium, Stainless steel, Acrylic, glass, etc. The unique viscoelastic properties enable it to elongate, accommodating the different rates of contraction and expansion between dissimilar bonded substrates due to extreme temperature cycle exposure.

TYPICAL APPLICATION AREAS

- Metal doors stiffeners
- Automotive accessories installation
- Truck canopies fabrication
- Outdoor signages
- Elevator stiffeners bonding
- Building facades installation

SPECIFICATIONS

Thickness:	0.8mm
Adhesive:	Acrylic
Tape Carrier:	Acrylic foam
Foam Color:	Grey
Release Liner:	Red PE Film
180° Peel Strength (24 Hrs dwell):	≥3000 g/25mm
Dynamic Shear Strength: (ASTM D1002) To Stainless Steel Room temp. after 24 hours	≥6000 g/cm²
Application Temperature:	15 - 35 Deg C
Service Temperature:	-10 to 90 Deg C
Standard Log Length:	33m
Standard Log Width:	800 mm

SURFACE PREPARATION

All surfaces intended for bonding must be sufficiently and thoroughly cleaned and dried prior to application. Abrading prior to bonding is highly recommended. Surfaces must be free from dust, dirt, oil, grease and residues of any forms. Dirty or contaminated surfaces affect bonding and adhesion strength adversely. IPA or IsoPropyl Alcohol is generally used for general cleaning and Heptane solvent may be used to clean oily or greasy surfaces. Do Not use oil based solvents for surface preparation prior to bonding.

STORAGE

It is highly recommended to store this product under constant temperature between 25°C - 30°C. This product should not be exposed to high humidity and direct sunlight during storage. Keep unused product away from dust and grease.

SHELF LIFE

This product has 24 months shelf life from date of manufacturing.

LIMITED WARRANTY STATEMENT :

Products are warranted to be free of defects in workmanship and material at time of shipment. Vitrochem Technology Pte Ltd will replace or credit any material we determined to be defective. Before using, user shall determine the suitability of the product for its intended use, and assumes all risk and liability whatsoever in connection therewith.

COMPLIANCE AND QUALITY

RoHS statements and Safety Data Sheets for this product are available on request. Contact the MightyLoc team and we will send the current documents.

Vitrochem Technology Pte Ltd

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All recommendations for the use of our products are based on the current state of our knowledge. The Buyer remains responsible for satisfying itself that the product is suitable for its intended process or purpose. Since we cannot control the application, use, or processing of the product, we accept no responsibility on that basis. Refer to the current controlled data sheet, or contact us, before production use.