



TECHNICAL DATA SHEET

AFT 3100CF

May 2018

Product Description

Vitrobond AFT 3100CF is a high performance clear acrylic foam tape which is designed for a wide variety of bonding applications that require excellent adhesion and durability. Besides the clarity, It exhibits good chemical & elevated temperature resistance. This tape is suitable for bonding wide range of substrates commonly used in the signage industries including metal, Aluminium, Stainless steel, PMMA, glass, etc.

Typical Application Areas

- Plastics & glass bonding
- Sign crafts
- Name plates
- Toll sensor to windscreen bonding

Specifications

Thickness:	1 mm \pm 0.1mm
Adhesive:	Acrylic
Tape Carrier:	Acrylic foam
Foam Color:	Clear
Release Liner:	Red PE Film
180° Peel Strength (24 Hrs dwell):	2000 g/25mm
Dynamic Shear Strength: (ASTM D1002) To Stainless Steel Room temp. after 24 hours	4800 g/cm ²
Application Temperature:	15 – 35 Deg C
Service Temperature:	-10 to 90 Deg C
Available Roll Length:	8m, 8.25m & 33m
Standard Log Width:	800 mm



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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.



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