

## TECHNICAL DATA SHEET

# REFORAC FOAMED ACRYLIC TAPE 5080G



Ready for any challenge

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### 1. PRODUCT DESCRIPTION & USES

Reforac 5080G is a very high performance acrylic adhesive tape designed for bonding a wide range of metals, including stainless steel and aluminium. Excellent for applications in engineering, sign and display, windows, plastics and a wide range of metals. Very good with powder coated painted surfaces and automotive paints. Excellent soft, tacky and conformable.

2. PHYSICAL PROPERTIES	
Carrier	Acrylic Foam
Adhesive	Acrylic
Colour	Grey
Thickness	0.8 (± 0.1) mm
Density of foam	850 g/m <sup>3</sup>
Release liner	Red PE
180° peel adhesion ASTM D-3330	3700 g/25mm
Tensile adhesion (T-block test) ASTM D-897	7000 g/cm <sup>2</sup>
Dynamic shear ASTM D-1002- to stainless steel @ room temperature after 24 hours	6500 g/cm <sup>2</sup>
Temperature resistance short term	160°C
Temperature resistance long term	100°C
Low temperature resistance	-40°C
UV resistance	Good
Storage	12 months, store flat in cool, dry condition in original packaging

### 3. SURFACE PREPARATION

The surface must be dry and clean of any contaminants that may inhibit adhesion. To achieve this, the substrate should be cleaned with an IPA/water mix (50/50) on a lint free cloth to remove any contaminants. The substrate should then be primed with Primer 10. This should be applied and fully allowed to flash off before the tape is applied. The tape should not be applied to substrates that are below 15°C. This methodology is designed for anodised aluminium, galvanised and stainless steel, if a different substrate is to be used please contact technical service for advice before use.

**Note:**

Suitable for factory installation only by approved applicators. Not for at-site application.

## 4. APPLICATION

- The surface must be dry and clean of any contaminants that may inhibit adhesion.
- The tape should not be applied if the surface is below 15°C.
- Silane primer should be used to enhance the long term bonding characteristics, the primer should be applied and then allowed to fully flash off before the tape is applied.
- Technical support is available to confirm compatibility before use.
- Prior to application, allow the tape to condition at a temperature of between 15-30°C for a minimum 24 hours.
- The tape should be applied to the first substrate with the corners either mitred or butt cut.
- The tape should then be firmly rolled or pressed into place.
- The second substrate should then be bonded and the whole unit rolled or pressed to ensure wet out of the tape on both substrates.

## 5. PACKAGING

Thickness	:	0,8mm
Width	:	12, 19, 25mm
Roll length	:	33m

Material Safety Data Sheet available on request.

### **DISCLAIMER:**

Unless stated otherwise all given values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. Reforac will not be responsible for product failure unless testing has been completed. The customer has to decide on the tapes suitability for the intended application.