

# APTC Structural Glazing Tape

High strength polyurethane foam spacer tape

## Description

**APTC Structural Glazing Tape** is a semi rigid, high strength PUR structural spacer tape. Specially designed with an open cell structure to allow air and moisture to the silicone for optimum curing, it is coated with a high performance acrylic adhesive providing strong and durable performance.

**APTC Structural Glazing Tape** has a low thermal conductivity, excellent resistance to temperature variations, fungi and oxidation and is available in a variety of standard sizes.

## Uses

**APTC Structural Glazing Tape** can be used in the following applications:

- Vertical structural glazing
- Field and shop glazing

## Features & Benefits

Semi rigid	High static shear and tensile adhesion
High strength PUR foam	Low thermal conductivity
Open cell structure to allow curing of silicone	Excellent temperature resistance

## Technical Properties

	METHOD/STANDARD	RATING
DENSITY	ASTM D1667	22 (352)
SHORE A HARDNESS	ASTM D2240	30
FORCE TO COMPRESS 10% : psi (kPa)	ASTM D1667	16 (110)
DYNAMIC TENSILE ADHESION : psi (kPa)	NTP-11	45 (310)
DYNAMIC SHEAR ADHESION: psi (kPa)	NTP-5	30 (206)
STATIC SHEAR ADHESION: Hours 1 psi load	NTP-57	2000+
TENSILE STRENGTH : psi (kPa)	ASTM D412	130 (896)
ELONGATION OF FOAM : %	ASTM D412	105%
THERMAL CONDUCTIVITY K FACTOR :	ASTM C518	.55(.08)
SERVICE TEMPERATURE	-40°C to 82°C	

### Available sizes

Standard thickness: 3.2mm, 4.8mm, 6.4mm

Standard Width: 9mm, 12mm

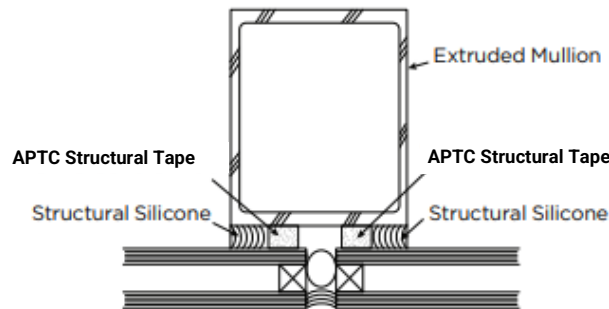
Standard roll length varies with thickness. Other sizes and single sided rolls available upon request.

## Application

All surfaces and substrates to be bonded must be clean and sound and free of any oil, moisture, dust or dirt. Isopropyl Alcohol (IPA) may be used to clean the surfaces.

Apply a uniform pressure of 15psi (103kPa) to ensure good contact between the material to be bonded and the tape

Application temperature must be between 16°C and 52°C. **Do not** apply tape in temperatures below 16°C as may result in a poor bond



## Limitations

**APTC Structural Glazing Tape** must not be used when the temperature is below 16°C or above 52°C

The suitability of the product for each intended use must be determined by the purchaser prior to the application of the product.

## Health & Safety

APTC Australia supports best practice in material handling; gloves, mask, safety goggles and protective clothing should be worn when handling and using this product.

Safety data sheets (SDS) for this product are available on the APTC Australia website [www.aptc Aust.com.au](http://www.aptc Aust.com.au). Read the TDS and SDS carefully before using any product.

## Disclaimer

The information and recommendations provided regarding the application and use of APTC Australia products are based on APTC Australia's current knowledge and experience, assuming proper storage, handling, and application according to our guidelines. However, due to variations in materials, substrates, and site conditions, we cannot guarantee any warranties related to merchantability or fitness for a particular purpose, nor assume any liability based on this information, written recommendations, or other advice. Users must assess the suitability of the products for their specific application and purpose. APTC Australia reserves the right to modify product properties at any time. Third-party proprietary rights must be respected. All orders are subject to our current terms of sale and delivery. For the most up-to-date product information, users should refer to the latest version of the local product data sheet, which can be provided upon request.

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