

CAT0 Series is a solid acrylic tape which could provide a superior bond on a variety of surfaces. This tape includes a high tack, acrylic adhesive on both sides and a high coating weight for bonding on rough surfaces.

Technology/Base	Acrylic
Type of Product	Very High Bond Acrylic Tape
Appearance / Color	Transparent/Translucent
Thickness	From 0.02" to 0.045"(0.5mm to 1.15mm)
Width	From 0.25" to 2"(6mm to 50.8mm)
Type of Product	Tape

### Features and Benefits

Clear acrylic tapes supports waterproof bonding, are easy to apply, and have the ability to withstand thermal movement.

- Transparent appearance works well with applications involving glass or other clear materials
- Pressure sensitive bonding
- Solid composition for easy cutting
- Moisture resistant
- Suit for low and high temperatures
- High bond adhesion

Technical Data

Description	Unit	Value	Testing Methods
Adhesive		Acrylic	
Carrier		Acrylic Foam	
Color		Clear	
Release liner		BLUE PE	
Tensile Strength	MPa	1.7~1.8	ASTM D412 Die C
Elongation	%	900 ~ 1050	ASTM D412 Die C
Dynamic shear To stainless steel	kPa	415	ASTM D3163
Static Shear		Passes @ 74° F Passes @ 158° F	WSB-M3G138-B(1000g, 1x1 in,100hrs)
90° Peel adhesion To stainless steel	N/mm	4.5	ASTM D-3330
Chemical resistance-Cleavage Peel	N/mm		FLTM BU 112-02, Method C
		12.5	3 Days @ RT
		11.3	Unleaded Gasoline - 1 hr
		10	Diesel Fuel - 1hr
		11.2	Water Immersion - 240 hrs
UR Resistance		Maintains minimum 90% of initial strength	2 weeks UV-A @ 140°F
Application Temperature Range		10°C to 85°C (50°F to 185°F)	
Service Temperature Range		-10°C to 93°C (-50°F to 200°F)	

## Product Picture

SKU	Width	Thickness	Length
CAT02014	1/4"	0.020"	216'
CAT0201436	1/4"	0.020"	36'
CAT04014	1/4"	0.040"	108'
CAT0401436	1/4"	0.040"	36'
CAT04012	1/2"	0.040"	108'
CAT0401236	1/2"	0.040"	36'
CAT04512	1/2"	0.045"	108'
CAT04534	3/4"	0.045"	108'
CAT0451	1"	0.045"	108'
CAT0452	2"	0.045"	108'



## Typical Applications

- Shower Enclosure Fabrication
- Window Muntin and Storefront Grids
- Automotive Trim
- Furniture

## Packaging

Separate by wax paper and put into box

## Shelf Life

- Lot no. indicates the initial package date from the manufacturer
- 12 Months
- Store in a cool and dry warehouse

## Safety and Disposal

Prior to working with this product, please read product label and safety data sheet (SDS) for necessary health and safety precautions and disposal considerations.

## General Instructions

### 1. Substrate Evaluation:

Double-sided acrylic adhesive tape is suited for bonding a wide range of substrates. The acrylic adhesive should be used on clean, dry oil-free substrates including plastic, metals, polyethylene, wood, and other material surfaces. When bonding to any material surface, applying pressure onto the acrylic adhesive is necessary to facilitate proper bonding.

### 2. Preparation of Substrate:

The surface or substrate to be bonded needs to be cleaned with an appropriate solvent, preferably IPA (Isopropanol). The acrylic adhesive backing should be applied within 10 minutes of cleaning. Never use recycled rags. Before application, the substrate must be completely dry with radiant heat, hot air dryers, or over time before bonding acrylic adhesive backing parts.

### 3. Application of Adhesive Backed Part to the Substrate:

Remove the protective release liner from the acrylic tape immediately prior to applying the part to be bonded, being careful not to contaminate the acrylic adhesive. Apply within 10 minutes after the surface preparation to ensure bond to surface. Without entrapping air between the tapes and substrate, make sure to bond with a recommended minimum application pressure of 15 pounds per inch of tape width.

## Important Note

- Test performance is run using standard test procedures. The values given are typical values and should not be used for specifications
- Since Seal Methods Inc cannot predict or control all potential applications. We strongly recommend that you test the product under individual application conditions before commercial use.