

VERY HIGH BOND TAPES



VERY HIGH BOND ACRYLIC TAPES

- Creates an instant, pressure sensitive bond between a wide variety of substrates
- Excellent moisture and weather resistance
- Cleaner and easier to work with than epoxy-based adhesives
- Dampens vibration and reduces noise

TYPICAL APPLICATIONS

■ CELLULAR PHONES

Benefits: VHB tape can be used to bond the cellular phone panel display. VHB seals against water infiltration, reducing corrosion.

■ INTERIOR AND EXTERIOR BODY CONSTRUCTION (RV and Motor home)

Benefits: VHB is used to bond aluminum skin to the steel frame, and can be used to bond roof bow attachments. It is also a durable and aesthetically pleasing option for bonding interior decorative trim in place.

■ WINDOW MUNTIN BARS

Benefits: VHB is a cosmetically appealing option for bonding muntin bars to windows. It allows for faster application and is more durable over time.



AT-1 VERY HIGH BOND ACRYLIC TAPE

OVERVIEW

AT-1 is a pressure sensitive, water-clear, solid acrylic tape designed to provide a superior bond between a wide variety of substrates. Because of its transparent appearance, AT-1 is often used in adhesive applications involving glass or other clear materials. The tape possesses a uniform high-tack acrylic adhesive on both surfaces and bonds to most clean, dry, oil-free substrates. The tape is formulated to withstand a wide range of weathering and temperature conditions without losing adhesion.

APPLICATIONS

- Signs
- Nameplates
- Graphics
- Exhibits
- Displays

FEATURES

- Waterproof bond
- Easy to apply
- Easy to cut
- Conforms to intricate shapes
- Reduces and dampens vibration and shock
- Clear adhesive won't yellow with age or exposure

PERFORMANCE

PROPERTY	ASTM TEST	
Tape Color		Clear
Tape Thickness		0.010, 0.020, 0.025, 0.030, 0.040, 0.060 inches
Tape Width		0.25-18 inches
Tensile Strength	ASTM D412 Die C	150 psi
Elongation	ASTM D412 Die C	1000%
Peel Adhesion	ASTM D3330	10 pli
Cleavage Peel Adhesion	ASTM D1062	20 psi
Edynamic Shear Strength	ASTM D3163	60 psi
Shelf Life		one year
Installation Temperature		50°F-100°F
Constant Temperature		-30°F-200°F

* Values shown are typical

AT-2 GRAY VERY HIGH BOND ACRYLIC FOAM TAPE

OVERVIEW

AT-2 is a pressure sensitive, gray, foamed core, acrylic tape designed to provide a superior bond between a wide variety of substrates. The tape possesses a uniform high-tack acrylic on both surfaces and bonds to most clean, dry, oil-free substrates. The tape is formulated to withstand a wide range of weathering and temperature conditions without losing adhesion.

APPLICATIONS

- Window muntin bar attachment
- Automotive trim attachment
- Appliances

FEATURES

- Gray appearance
- Easy to apply
- Stain resistant
- Reduces and dampens vibration and shock
- Long lasting strength
- Conforms to intricate shapes
- Waterproof bond
- Compensates for thermal expansion

PERFORMANCE

PROPERTY	ASTM TEST	
Tape Color		Gray
Tape Thickness		.045 inches
Tape Width		0.25-18 inches
Tensile Strength	ASTM D412 Die C	135 psi
Elongation	ASTM D412 Die C	900%
Peel Adhesion	ASTM D3330	10 pli
Cleavage Peel Adhesion	ASTM D1062	20 psi
Edynamic Shear Strength	ASTM D3163	60 psi
Shelf Life		one year
Installation Temperature		50°F-100°F
Constant Temperature		-30°F-200°F

* Values shown are typical



AT-3 VERY HIGH BOND ACRYLIC TAPE

OVERVIEW

AT-3 is a pressure sensitive, structural grade, solid acrylic tape designed to provide a superior bond between a wide variety of substrates. The tape possesses a uniform high-tack acrylic adhesive on both surfaces with an integral core of solid acrylic polymer. The tape bonds to most clean, dry, oil-free surfaces and is formulated to withstand a wide range of weathering and temperature conditions without losing adhesion.

APPLICATIONS

- Automotive trim
- Signs
- Graphics
- Skin to frame assembly
- Furniture
- Appliances

FEATURES

- Superior bond
- Solid composition for easy cutting
- Moisture resistant
- Stain resistant

AUTOMOTIVE SPECIFICATIONS

- Approved to GM specification GM3802M TYPE 14
- Approved to Chrysler specification MS-CH59-C
- Approved to Ford specification WSB-M3G138-B

PERFORMANCE

PROPERTY	ASTM TEST	
Tape Color		Translucent
Tape Thickness		0.025, 0.030, 0.045, 0.060 and .080 inches
Tape Width		0.25-18 inches
Tensile Strength	ASTM D412 Die C	200 psi
Elongation	ASTM D412 Die C	500%
Peel Adhesion	ASTM D3330	15 pli
Cleavage Peel Adhesion	ASTM D1062	30 psi
Edynamic Shear Strength	ASTM D3163	90 psi
Shelf Life		one year
Installation Temperature		50°F-100°F
Constant Temperature		-30°F-200°F

* Values shown are typical

AT-4 ONE SIDE ADHESIVE CLEAR ACRYLIC TAPE

OVERVIEW

AT-4 is a pressure-sensitive, structural-grade, solid acrylic tape system designed to provide a superior bond between a wide variety of substrates. This tape possesses a uniform high-tack acrylic adhesive on one side, and a specially designed, paintable, non-tacky acrylic polymer on the other. The tape bonds to most clean, dry, oil-free surfaces and provides a seal against air, dust, and water contamination. It also reduces noise and dampens vibration.

APPLICATIONS

- Automotive trim
- Signs
- Graphics
- Furniture
- Appliances
- Gaskets
- Skin to frame assembly

FEATURES

- Superior bond
- Moisture resistant
- Reduces noise and vibration where two surfaces contact
- Stain resistant
- Single-sided adhesive
- Solid composition for easy cutting

PERFORMANCE

PROPERTY	ASTM TEST	
Tape Color		Clear
Tape Thickness		.020, .040 and .060 inches
Tape Width		0.25-18 inches
Tensile Strength	ASTM D412 Die C	200 psi
Elongation	ASTM D412 Die C	500%
Peel Adhesion	ASTM D3330	15 pli
Cleavage Peel Adhesion	ASTM D1062	30 psi
Edynamic Shear Strength	ASTM D3163	90 psi
Shelf Life		one year
Installation Temperature		N/A
Constant Temperature		N/A

* Values shown are typical