

# SUMMIT™

ADHESIVE TAPES BY FASTENATION, INC.

Our **SUMMIT™** tape line includes a wide variety of high performance tapes that can be slit to your desired width or custom converted and laminated to meet your specific requirements. The line covers an expansive range of product capabilities to meet the demands of your project. These tapes are available in various thicknesses, temperature performance ranges, substrate bonding capabilities, levels of tack, and more.



## FALCON TAPE™ (FADC4373)

This double-sided adhesive tape offers extremely aggressive bonding power for the most demanding applications. **FALCON TAPE™** comes with a dimensionally stable siliconized, red polypropylene release liner, making it optimal for precision die-cut applications. It is used for bonding, joining, and laminating materials when high tack & high shear performance are critical.

### Features & Benefits

- Aggressive, high tack, high shear clear solvent based acrylic adhesive
- Excellent ultra-violet, aging, chemical, and water vapor resistance
- Broad temperature resistance from -40°F up to 320°F (long term) and 356°F (short term)
- Suitable for mounting and bonding applications in all industries
- Liner is dimensionally stable, ideal for precision die-cutting
- Good plasticizer resistance
- Bonds well to nearly all materials and irregular surfaces

### Applications

- POP Displays, sign making, displays, plastic extrusions, and banner applications
- Interior or exterior bonding of dissimilar materials where high tack/high shear performance is required
- Outdoor vinyl banners (reinforced or not)
- Mounting of outdoor signage lighting (plastic, metal, and wood)
- Permanent bonding and laminating panels or nameplates on furniture and appliances
- Laminating and bonding plastic, rubber, metal, and wood substrates
- General purpose applications – DIY, MRO or Arts & Crafts
- Splicing of wide web materials

### Specifications

Roll Widths	¼" to 54"
Roll Length	36 yd
Carrier	0.5 mil Clear Polyester Film
Adhesive Coating (per side)	3.5 mil Modified Acrylic Adhesive
Total Thickness	7.5 mil (exclusive of liner)
Liner	3.1 mil Red Siliconized Polypropylene Film
Min Application Temperature	> 59°F (15°C)
Elongation	50%

<b>Shear Resistance*</b>	
- Temperature at 73°F (23°C)	> 400 hours
- Temperature at 158°F (70°C)	> 6 hours

<b>Temperature Resistance</b>	
- Long Term	-40°F to 320°F
- Short Term	up to 356°F

<b>Peel Adhesion**</b>	
- 1 minute dwell	88 oz/in
- 20 minute dwell	110 oz/in
- 24 hour dwell	135 oz/in



## High Performance Double-Coated Tapes

Our high performance tapes are perfect for demanding applications where high bond strength, excellent temperature performance, and UV resistance are required. These tapes feature double-coated adhesive on a PET film, offering high tack and superior peel performance, and bond a variety of similar and dissimilar materials and surfaces (extrusions, papers, films, and textiles).

### FADC385

#### Features & Benefits

- High performance, high tack acrylic adhesive
- Heavy coat weight ideal for irregular surfaces
- Superior bond strength to Low Surface Energy (LSE) substrates
- Good ultra-violet/plasticizer resistance, performs well in wide range of environments
- Excellent temperature range
- Ideal for demanding applications, banners, papers, films, and textiles

#### Specifications

<i>Roll Width(s)/Length</i>	¼" to 54" / 36 yds
<i>Carrier</i>	1 mil PET Film
<i>Adhesive Coating (per side)</i>	3.5 mil Clear Solvent Acrylic Adhesive
<i>Total Thickness</i>	8.0 mil (exclusive of liner)
<i>Liner</i>	4.5 mil White Kraft Paper Liner
<i>Peel Adhesion **</i>	130 oz/in
<i>Elongation</i>	110%
<i>Temperature Resistance</i>	-10°F to 302°F (long term)

### FADC780

#### Features & Benefits

- High shear acrylic adhesive
- Good ultra-violet resistance, performs well in wide range of environments
- Excellent temperature range
- Ideal for demanding banner and display applications

#### Specifications

<i>Roll Width(s)/Length</i>	¼" to 54" / 36 yds
<i>Carrier</i>	0.5 mil PET Film
<i>Adhesive Coating (per side)</i>	3.0 mil Clear Solvent Acrylic Adhesive
<i>Total Thickness</i>	6.5 mil (exclusive of liner)
<i>Liner</i>	4.5 mil White Kraft Paper Liner
<i>Peel Adhesion **</i>	90 oz/in
<i>Elongation</i>	110%
<i>Temperature Resistance</i>	-20°F to 302°F (long term)

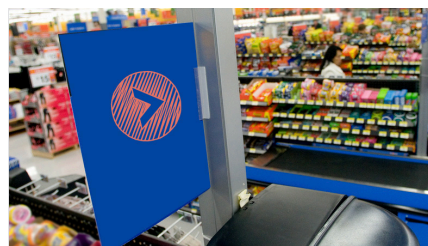
### FADC365

#### Features & Benefits

- High tack, quick stick
- Medium coat weight combines performance and versatility
- Good ultra-violet/plasticizer resistance and bond strength to Low Surface Energy (LSE) substrates
- Performs well in wide range of environments
- Formulated to adhere to plastic extrusions, display strips, signs, and films

#### Specifications

<i>Roll Width(s)/Length</i>	¼" to 54" / 36 yds
<i>Carrier</i>	1 mil PET Film
<i>Adhesive Coating (per side)</i>	1.5 mil Clear Solvent Acrylic Adhesive
<i>Total Thickness</i>	4 mil (exclusive of liner)
<i>Liner</i>	4.5 mil White Kraft Paper Liner
<i>Peel Adhesion **</i>	90 oz/in
<i>Elongation</i>	110%
<i>Temperature Resistance</i>	-10°F to 212°F (long term)



\*Shear Resistance Test (Based upon laboratory testing via FINAT-TM 8 or similar tests)

\*\*Peel Adhesion Test - 1 min. dwell to Stainless Steel (Based upon laboratory testing via FINAT-TM 1 or similar tests)

The physical properties listed above are typical test results obtained from a series of laboratory tests, but the accuracy or completeness thereof is not guaranteed, and they should not be used for the purpose of writing specifications. All test procedures are in accordance with ASTM and PSTC methods. Before using this product, the user shall determine the suitability of the product for his/her use, and user assumes all risk and liabilities in connection therewith. Seller and manufacturer specifically disclaim all warranties, express or implied, and seller's or manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss, or damage, direct or consequential, arising out of the use of or the inability to use the product. None of our representatives has authority to waive or change the foregoing provisions, but our product specialists are available to assist purchasers in adapting our products to the needs and circumstances prevailing in their business.

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## SUMMIT™ TAPES COMPARISON

	FALCONTAPE FADC 4373	FADC 385	FADC 780	FADC 365
Outdoor rated	✓✓✓	✓✓	✓✓✓	✓
Ideal for Low Surface Energy (LSE) substrates	✓✓✓	✓✓✓	✓	✓✓
Bonds well to irregular surfaces	✓✓✓	✓✓✓	✓✓✓	✓
High shear strength	✓✓✓	✓	✓✓✓	✓
Suitable for high temperature	✓✓✓	✓✓✓	✓✓✓	✓✓
Capable of performing in cold weather temperatures (below zero)	✓✓✓	✓✓	✓✓✓	✓✓
Moisture resistant	✓✓✓	✓	✓✓✓	✓
UV & aging resistant	✓✓✓	✓✓	✓✓✓	✓✓
Peel strength (to stainless steel initial)	✓✓✓	✓✓✓	✓✓✓	✓✓
Ideal for die-cutting	✓✓✓	✓✓	✓✓	✓✓
Chemical resistant	✓✓✓	✓	✓✓✓	✓
Initial tack	✓✓	✓✓	✓✓	✓✓✓

✓✓✓ VERY GOOD   ✓✓ GOOD   ✓ FAIR



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