

FastelTack ST

Standard Acrylic Pressure Sensitive Adhesives

Product Data Sheet

P/N: ST2 (0.002", 0.05mm)

P/N: ST4 (0.004", 0.10mm)

FastelTack ST Product Description

FastelTack ST was designed as a high performance acrylic based pressure sensitive adhesive offering excellent long term adhesion to a broad range of substrates. Available in a 2 mil and 4 mil clear formulation, FastelTack is an unsupported acrylic pressure sensitive adhesive supplied on a moisture stable poly-coated release liner available in continuous rolls, slit rolls, die cuts formats or pre-laminated by Fastel Adhesives to a wide range of substrates including aluminum, copper, stainless steel, PET Films, polyimide films as well as customer required substrates.

FastelTack ST exhibits excellent long term adhesion over a broad temperature range packaged with superior long term aging characteristics. ST is designed to provide excellent resistance to plasticizer migration when in contact with flexible PVC. ST demonstrates resistance to sunlight, moisture, solvents, mild acid, mild alkali, oil and grease.

Product Features

Excellent long term bond and shear strength
Fast Wet Out / Plasticizer Resistant
Excellent Chemical Resistance
Mounting / Die Cutting / Component Assembly

Popular Mounting Surfaces

Aluminum / Copper / Stainless
ABS / Styrene / Vinyl
Glass / FR4 / Wood / Paper
PET / Polyimide / Plastics

FastelTack ST Product Characteristics / Formats

Adhesive Type: Acrylic (aggressive)
Available Thickness: 2 Mil (0.05mm) / 4 mil (0.10mm)
Adhesive Color: Clear
Liner Type: Poly-coated release liner
Liner Thickness: 5.5 Mil (0.14mm)(76#)
Delivery Formats: Continuous Log or Slit Rolls / Die Cuts
Substrate Pre-lamination: Yes, contact Fastel to learn more about substrate lamination options
Fastel Die Cuts: Individual die cut pieces
Continuous die cut rolls

FastelTack ST Construction

Acrylic Adhesive (2 mil or 4 mil)

Poly-coated release liner

Pre-Lamination Substrate Options

Aluminum / Copper / Stainless Steel Foils
PET Films
Polyimide Films
Polypropylene Films
Polyethylene Films
Customer Defined Substrates

FastelTack ST Physical Properties / Performance

180°Peel PET / SS (20 min bond): 56 oz/inch
Creep Resistance (500g/0.25in²): 120 hours
Temperature Range: -40°F to 250°F (-54°C to 121°C)
Shear Adhesive Failure Temperature: 240°F (115°C) – cohesive failure

Samples or More Information

For more information or to receive samples for testing, please contact us toll free at 1-888-989-3832 (US Only) +1-949-369-7676 (international) or e-mail info@fasteladhesives.com

Fastel Adhesives

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