

# Highlighted Products from ELLSWORTH

#### SPECIALTY TAPES MANUFACTURING

## Guaranteed Item Polyimide Tapes

#### S7680 - 1.0 mil Polyimide Silicone Tape

This amber colored tape has exceptional high temperature, puncture and tear resistance, and good electrical properties. It's thin, conformable and resistant to both flame and chemicals. It will not soften at higher temps and can be used to protect circuit boards when soldering. Dielectric strength is 6500 volts.

- Strong & durable 1.0 mil backing • Thin & conformable
- Puncture & tear resistance
  - High temp stability up to 500°F
- Good chemical resistance · No adhesive residue on removal

#### S770O - 2.0 mil Polyimide Silicone Tape



Used for insulation and surface protection in high-temperature applications, and as a mask in wave soldering applications and powder coat masking when process temperatures exceed 450°F. Used as a coil winding tape in electrical components that will see high temp service. Also available on liner for easy handling and die cutting.

- Strong & durable 2.0 mil backing
- High temp stability up to 500°F
- Puncture & tear resistance
- Good chemical resistance

# Non-stock Item Polyimide Tapes

### S2210ASO - 1.0 mil Anti-static Polyimide Silicone Tape

Modified with an anti-static coating to dissipate static charges and reduce the risk of electrostatic damage in ESD-sensitive components, it has all the properties of durability, electrical insulation, and temperature resistance as the S768O tape. It is used to mask and shield electrical devices and components wherever static is a concern.



Strong & durable 1.0 mil backing

- Thin & conformable • High temp stability up to 450°F

Anti-static coating

Good chemical resistance

No adhesive residue on removal

### D774 - 1.0 mil Double-coated Polyimide/Silicone Tape

A double-coated tape with a 1.0 mil polyimide carrier film and silicone adhesive on both sides, providing adhesion and insulation in one thin component. It is used to bond components together in electrical devices, and to adhere labels in extreme temperature environments.

- Strong & durable 1.0 mil backing Thin & conformable
- 2-sided w/ silicone for firm bonds
- Puncture & tear resistance
- No adhesive residue

· High temp & chemical resistance

# Guaranteed Item Non-polyimide Tapes

# D969PK - 1.0 mil Silicone/Acrylic Differential Tape

Designed to bond dissimilar materials quickly and efficiently. The silicone side bonds well to silicone foams, rubbers, and low surface energy plastics. The acrylic side has aggressive adhesion to cardboard, fabric, and films. It is used in splicing a silicone coated liner to a non-silicone coated leader, or in core start-up applications.



- Acrylic (exposed side) Bonds to paper, cardboard, fabric & films Pink color for easy identification
- Silicone (liner side) Splicing formulation for quick wet-out; bonds to liner & LSE's
- · Bonds silicone foams & rubbers to other substrates

#### D739 - 1.0 mil High-speed Acrylic Flying Splice Tape

Bright blue, double-sided tape designed to increase production efficiency in high-speed splicing applications. It features a thick adhesive layer on both sides and has excellent wet-out on materials such as polyethylene, polypropylene, loosely woven fabrics, and low energy films. Used in coating, printing, laminating, and other converting operations.

- For high-speed flying splices • Aggressive, ultra-high tack
- · Fast wetting acrylic adhesive
- Reduces machine downtime
- Thick adhesive layer on both sides Increases production efficiency

# Non-stock Non-polyimide Tapes

#### SI60 - High Temperature Paper Tape

Great for electrical applications on circuit boards and coil winding. It's designed to protect the gold fingers on circuit boards during hot air leveling applications up to 325°F short term. An excellent alternative to Permacel P277, 3M 16, and Deer Brands. It works well for phase insulation and removes clean after it cools down.

- High temp rubber adhesive

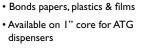
- Excellent puncture protection Thick & durable
- Clean removal after cool down

# Guaranteed Item Transfer Tapes

## D1104 - 5 mil High-tack Acrylic Transfer Tape

A 5.0 mil transfer tape, that's reinforced with fiberglass to add structure and improve handling. Permanently bonds papers, plastics, and films, and is used for gasket assembly. Extra thick adhesive offers advantages for textured or curved surfaces over the 2.0 mil D991. This tape is self-wound on a yellow glassine paper liner for easy application.

- Useful as a core start-up tape
- Extra thick for textured surfaces
- No carrier film for max conformability
- Acid free for archival use



# D991 - 2.0 mil High-tack Acrylic Transfer Tape

A product originally developed for use in ATG dispensers this 2.0 mil transfer tape is ideal for permanent bonding of papers, plastics, and films. It bonds guickly for use as a core start-up tape, and is available in long length rolls for automated processes. The adhesive is reinforced for structure and easy handling.

• Useful as a core start-up tape

flexibility

- Acid free for archival use
- Minimum thickness with max 175.105 standards for food contact
- · Bonds papers, plastics & films Conforms to FDA 21, CFR
  - Available on 1" core for ATG dispensers



No adhesive residue on removal

