

## Specialty Tape Product Offering

With three different categories and nine different types of StrongHold specialty tapes, we provide a reliable, convenient and economical way to assure your electrical construction applications are secure.

No matter if you are splicing, insulating, bundling, or require protection from UV, moisture or corrosion, StrongHold has what it takes to get the job done!

### Application By Product Guide

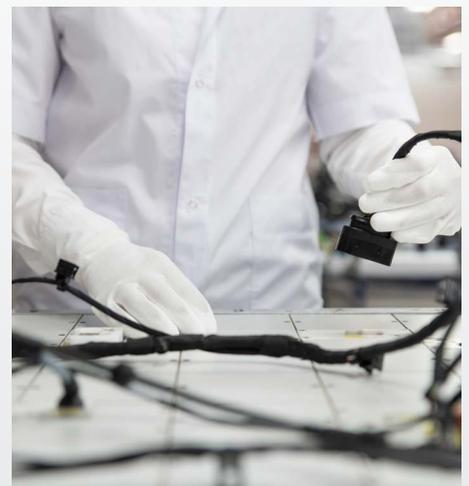
| Application                   | Vinyl Tapes | Low Voltage & High Voltage Rubber Tapes | Mastic Tapes | Friction-Textile Tape |
|-------------------------------|-------------|---|--------------|-----------------------|
| Electrical Insulation         | X           | X                                       | X            |                       |
| Moisture Resistant or Sealing | X           | X                                       | X            |                       |
| Mechanical Protection         | X           |   |              |                       |
| Identification Color Coding   | X           |   |              |                       |
| Jacket Repair Protection      | X           | X                                       | X            |                       |
| Abrasion Protection           |             |   |              | X                     |
| Self-Amalgamating             |             | X                                       | X            |                       |
| Insulation Build-Up           |             | X                                       | X            |                       |



Telecommunications



Moisture Sealing & Cable Repair



Harnessing Taping

## Low and High Voltage Rubber Tapes

- Self-amalgamating
- Builds up insulation quickly
- Good conformability
- Appropriate for primary insulation
- High moisture
- Great electrical properties

### ST130 Series Linerless High Voltage Rubber Tape

StrongHold ST130 Series Tape is an ethylene based high voltage tape with exceptional electrical, chemical and physical properties. It is a linerless, self-bonding tape that permits faster taping speeds than that of a tape with a liner and yields a uniform, void-free build-up. The ST130 series tape is compatible with all extruded cable insulations and is specially formulated to have excellent thermal conductivity allowing for proper heat dissipation from a joint.



**Used for:**

- Insulation and jacket for power cables up to 69Kv
- Building stress cones and jacket of termination on power cables up to 35Kv
- Insulation and protection of bus bars and joints

| Panduit Part Number | Part Description                   | Width IN [mm] | Length Ft [M] | Thickness IN [mm] | Voltage   | Temp    | Color | Moisture Resistant | UV Resistant | Min. Order Qty |
|---------------------|------------------------------------|---------------|---------------|-------------------|-----------|---------|-------|--------------------|--------------|----------------|
| ST130-075-30BK      | Linerless High Voltage Rubber Tape | .75" [19]     | 30' [9.1]     | .030" [.76]       | 600v-69kv | 90C Max | Black | Y                  | Y            | 20             |
| ST130-100-30BK      | Linerless High Voltage Rubber Tape | 1.00" [25]    | 30' [9.1]     | .030" [.76]       | 600v-69kv | 90C Max | Black | Y                  | Y            | 20             |
| ST130-150-30BK      | Linerless High Voltage Rubber Tape | 1.50" [38]    | 30' [9.1]     | .030" [.76]       | 600v-69kv | 90C Max | Black | Y                  | Y            | 10             |

### ST23 Series High Voltage Rubber Tape with Liner

StrongHold ST23 Series Tape with liner is a 30 mil (0,76mm) ethylene propylene rubber, self-amalgamating high voltage tape for insulating and jacketing splices though 69kV. It amalgamates quickly, yielding a void-free, electrically stable build-up and is ideal for waterproofing. Meets ASTM D-4388, HH-I-553C/Grade A, MIL-I3825B standards. Due to the highly stable mechanical and chemical properties of the ST23 series tape it is ideal for cable jacket repair and restoration.



**Used for:**

- Insulating and jacketing of splices on power cables up to 69Kv
- Building stress cones and jacket of termination on power cables up to 35Kv
- Waterproofing, insulating and protecting of bus components.

| Panduit Part Number | Part Description                    | Width IN [mm] | Length Ft [M] | Thickness IN [mm] | Voltage   | Temp    | Color | Moisture Resistant | UV Resistant | Min. Order Qty |
|---------------------|-------------------------------------|---------------|---------------|-------------------|-----------|---------|-------|--------------------|--------------|----------------|
| ST23-075-30BK       | High Voltage Rubber Tape with Liner | .75" [19]     | 30' [9.1]     | .030" [.76]       | 600v-69kv | 90C Max | Black | Y                  | Y            | 20             |

## ST2155 Series Mid-Grade Rubber Splicing Tape with Liner

StrongHold ST2155 Series Tape with liner is a 30 mil (0,76mm) self-amalgamating, low voltage rubber tape which is UL-510 Listed for use as primary insulation at not more than 600 volts. It easily conforms to irregular shapes and surfaces yielding a void free electrically stable build-up. The ST2155 Rubber splicing tape is compatible with all extruded dielectric cable insulations. Meets ASTM D-4388 type I standard.

### Use for:

- Insulating of splices on solid dielectric cable thru 600 volts in conjunction with a jacketing tape.



| Panduit Part Number | Part Description                | Width IN [mm] | Length Ft [M] | Thickness IN [mm] | Voltage  | Temp           | Color | Moisture Resistant | UV Resistant | Min. Order Qty |
|---------------------|---------------------------------|---------------|---------------|-------------------|----------|----------------|-------|--------------------|--------------|----------------|
| ST2155-075-22BK     | Mid Grade Rubber Splicing Lined | .75" [19]     | 22' [6.7]     | .030" [.76]       | 600V Max | 80C Continuous | Black | N                  | N            | 100            |

## ST2242 Series Linerless Mid-Grade Rubber Splicing Tape

StrongHold ST2242 Series Tape is a general-use ethylene rubber-based tape with excellent electrical, chemical and physical properties. It is a self-amalgamating linerless tape that permits faster taping speeds than a tape with a liner and yields a uniform, void-free build-up. The exceptional stretch capabilities allow the product to conform to various complex shapes and contours. The ST2242 series tape is compatible with all extruded cable insulations and is specially formulated to have excellent thermal conductivity allowing for proper heat dissipation from a joint.

### Used for:

- Insulating and jacketing of splices on power cables up to 69Kv
- Building stress cones and jacket of termination on power cables up to 35Kv
- For insulating and protecting of bus bars and joints; and moisture sealing of motor leads and cable ends.



| Panduit Part Number | Part Description                         | Width IN [mm] | Length Ft [M] | Thickness IN [mm] | Voltage   | Temp    | Color | Moisture Resistant | UV Resistant | Min. Order Qty |
|---------------------|--|---------------|---------------|-------------------|-----------|---------|-------|--------------------|--------------|----------------|
| ST2242-075-15BK     | Linerless Mid Grade Rubber Splicing Tape | .75" [19]     | 15' [4.6]     | .030" [.76]       | 600v-69kv | 90C Max | Black | Y                  | Y            | 35             |
| ST2242-150-15BK     | Linerless Mid Grade Rubber Splicing Tape | 1.50" [38]    | 15' [4.6]     | .030" [.76]       | 600v-69kv | 90C Max | Black | Y                  | Y            | 35             |

## Mastic Tapes

- Self-Bonding
- Builds up insulation quickly
- High moisture sealing
- Excellent thermal stability
- Excellent conformability
- Can be used as primary insulation
- Superior adhesion to metals

### ST2210 Series Vinyl Mastic Tape

StrongHold ST2210 Series Vinyl Mastic Tape is a self-bonding mastic compound with an all-weather, premium vinyl backing that can be used for insulating and water sealing electrical connections through 600 volts. Small roll sizes can be stretched and molded around irregular shapes, even in tight locations. Provides excellent electrical properties, superior adhesion and moisture and chemical resistance. Vinyl backing adds UV protection. Use for sealing, insulating and padding all low voltage electrical connections.



**Used for:**

- Splicing and sealing applications in the Telecommunications, CATV and Electrical Industries.

| Panduit Part Number | Part Description | Width IN [mm] | Length Ft [M] | Thickness IN [mm] | Voltage  | Temp    | Color | Moisture Resistant | UV Resistant | Min. Order Qty |
|---------------------|------------------|---------------|---------------|-------------------|----------|---------|-------|--------------------|--------------|----------------|
| ST2210-400-10BK     | Vinyl Mastic     | 4.00" [102]   | 10' [3]       | .05" [1.2]        | 600V Max | 90C Max | Black | Y                  | Y            | 10             |

### ST2200 Series Vinyl Mastic Tape

StrongHold ST2200 Series Tape is a self-bonding insulating mastic with vinyl backing providing superior adhesion and dielectric strength required to seal and insulate electrical connections from buried, submerged or overhead cables up to 1000 volts. The vinyl backing adds mechanical strength and is resistant to UV rays. It is impermeable to ozone, water, soil dirt and corrosive chemicals. The ST2200 insulating mastic tape adheres quickly and permanently with no adverse effect to insulation or conductive polymer shielding. For application requiring in encapsulation and protecting direct buried low voltage connections and devices, terminations, overhead connectors, duct seals, and cable end seals.



**Used for:**

- Covering molded joints on CN cables.

| Panduit Part Number | Part Description | Width IN [mm] | Length Ft [M] | Thickness IN [mm] | Voltage  | Temp    | Color | Moisture Resistant | UV Resistant | Min. Order Qty            |
|---------------------|------------------|---------------|---------------|-------------------|----------|---------|-------|--------------------|--------------|---------------------------|
| ST2200-650-400P     | Vinyl Mastic     | 6.50" [165]   | 4.00" [102]   | .130" [3.3]       | 600V Max | 90C Max | Black | Y                  | Y            | 50 (5 boxes, 10 pads/box) |

# StrongHold™ Specialty Tapes

## ST2228 Series Rubber Mastic Tape

StrongHold ST2228 Series Rubber Mastic Tape a self-bonding mastic tape consisting of an ethylene propylene rubber (EPR) backing, bonded to a tacky temperature stable, electrical grade mastic. Provides excellent electrical properties, superior adhesion, moisture and chemical resistance. Can be stretched, wrapped or molded to irregular shapes providing insulation build up, water sealing and surface protection.



### Used for:

- Corrosion protection and insulation of Bus Bars.
- Insulating and moisture-sealing of splices and terminations on solid dielectric cable
- Primary insulation up to 2kv

| Panduit Part Number | Part Description | Width IN [mm] | Length Ft [M] | Thickness IN [mm] | Voltage | Temp    | Color | Moisture Resistant | UV Resistant | Min. Order Qty |
|---------------------|------------------|---------------|---------------|-------------------|---------|---------|-------|--------------------|--------------|----------------|
| ST2228-100-10BK     | Rubber Mastic    | 1.00" [25]    | 10' [3]       | .065" [1.7]       | 2kv Max | 90C Max | Black | Y                  | Y            | 20             |
| ST2228-200-10BK     | Rubber Mastic    | 2.00" [51]    | 10' [3]       | .065" [1.7]       | 2kv Max | 90C Max | Black | Y                  | Y            | 10             |

## ST2226 & ST2229 Series Insulating Mastic Tape

StrongHold ST2226 & ST2229 Series Insulating Mastic Tape is a 3,2 mm (125 mil) self-bonding, insulating mastic for insulating and sealing all types of overhead and direct buried electrical connections up to 600 volts. These Insulating Mastic Tapes have superior adhesion to metals, cable insulations and jackets with no adverse effect on polymeric conducting shields. Both the ST2226 & ST2229 should be jacketed with vinyl tape.



### Used for:

- Water sealing ductwork, cable ends and all types of splices.

| Panduit Part Number | Part Description  | Width IN [mm] | Length Ft [M] | Thickness IN [mm] | Voltage  | Temp    | Color | Moisture Resistant | UV Resistant | Min. Order Qty              |
|---------------------|-------------------|---------------|---------------|-------------------|----------|---------|-------|--------------------|--------------|-----------------------------|
| ST2226-375-10BK     | Insulating Mastic | 3.75" [95.3]  | 10' [3]       | .126" [3.2]       | 600V Max | 90C Max | Black | Y                  | N            | 10                          |
| ST2229-375P         | Insulating Mastic | 3.75" [95.3]  | 3.75" [95.3]  | .126" [3.2]       | 600V Max | 90C Max | Black | Y                  | N            | 100 (10 boxes, 10 pads/box) |

## Friction Tapes

- Adhesive compound on both sides
- Adheres to metal, cable and wire
- Good mechanical strength
- Meets Comm. Spec 6747, HHT101A
- RoHS compliant
- Lead Free

### ST1755 Series Friction Tape

StrongHold ST1755 Series Friction Tape is a high-quality cotton fabric coated on both sides with a black rubber adhesive compound, which provides good adhesion to all types of surfaces. A 0,38mm general purpose tape that provides excellent protection against abrasion. It provides mechanical protection against abrasion and penetration of cable, splices and wires.



#### Used for:

- Temporary binding and harnessing tape
- Covering tool handles for a non-slip surface and variety of other miscellaneous uses.

| Panduit Part Number | Part Description | Width IN [mm] | Length Ft [M] | Thickness IN [mm] | Voltage | Temp           | Color | Moisture Resistant | UV Resistant | Min. Order Qty |
|---------------------|------------------|---------------|---------------|-------------------|---------|----------------|-------|--------------------|--------------|----------------|
| ST1755-075-60BK     | Friction Tape    | .75" [19]     | 60' [18]      | .015" [.38]       | N/A     | 80C Continuous | Black | N                  | N            | 100            |

## Complimentary Products



StrongHold PVC Electrical Tape



Panduit Power & Grounding



Panduit Blackfin Tooling

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