

ST2242 Series Linerless Rubber Splicing Tape:

StrongHold ST2242 Series Tape is a general-use ethylene rubber-based tape with excellent electrical, chemical and physical properties. ST2242 series tape is a linerless, self-amalgamating tape that permits faster taping speeds than a tape with a liner and yields a uniform, void-free build-up. The exceptional stretch capabilities of the StrongHold ST2242 series tape allows 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. Contains Flame-retardant additives. The product is also flame retardant and meets industry standards. The exceptional proprieties of the StrongHold ST130 series tape allow for use as an insulation and jacket for power cables from 600 volts through 69,000 volts; for building stress cones and jackets of terminations on power cables from 600 volts through 35,000 volts; for insulating and protecting of bus bars and joints; and moisture sealing of motor leads and cable ends.

- Low-High Voltage applications
- Linerless
- Meets ASTM D-4388 Specification (Type I, II and III)
- Self-bonding
- High thermal conductivity and flame retardant
- Excellent moisture, corrosion and chemical resistance
- Exceptional corona and ozone resistance
- UV Resistance
- Lead Free
- RoHS Compliant
- Highly conformable



Materials: Backing Adhesive Color
 EPR Rubber Acrylic Based Black

| Technical Properties | Characteristic | Typical Value | Test Method |
|----------------------|--------------------------------------|--------------------|-------------|
| | Thickness, (mm) | 0.76 | ASTM D 4325 |
| | Breaking Strength (N/cm) | 2.3 | ASTM D 412 |
| | Elongation at break (%) | 890 | ASTM D 412 |
| | Fusion (2.0 mm max.) | No Flag | ASTM D 4325 |
| | Heat Resistance °C | 130 | ASTM D 4325 |
| | Operating Temp Continuous °C | 90 | ASTM D 4325 |
| | Operating Temp Emergency Overload °C | 130 | ASTM D 4325 |
| | Water Absorption (%) | 0.06 | ASTM D 570 |
| | Ozone Resistance (Visual) | Pass | ASTM D 4325 |
| | UV Resistance (Visual) | Pass | ASTM D 4325 |
| | Dielectric Strength (kV/mm) | 39 | ASTM D 149 |
| | Dissipation Factor | | |
| | After water immersion | 0.005 | ASTM D 150 |
| | After hot water immersion | 0.015 | |
| | Dielectric Constant | | |
| | After water immersion | 2.9 | ASTM D 150 |
| | After hot water immersion | 3.1 | ASTM D 150 |
| | Volume Resistivity (Ω cm) | | |
| | 96h @ 23 °C and 50% RH | 1x10 ¹⁶ | ASTM D 257 |
| | 96h @ 23 °C and 96% RH | 1x10 ¹³ | ASTM D 257 |

Storage: In original packaging and placed in a horizontal position under cover and at temperatures between 5°C and 35°C