

### 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. ST130 series tape is a linerless, self-bonding 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 ST130 series tape allows the product to conform to various complex shapes and contours. 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. Contains Flame-retardant additives 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; and for insulating and protecting of bus bars and joints.

- Linerless
- High thermal conductivity and flame retardant
- Excellent moisture, corrosion and chemical 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<br>After water immersion<br>After hot water immersion      | 0.005<br>0.015                           | ASTM D 150               |
|                      | Dielectric Constant<br>After water immersion<br>After hot water immersion     | 2.9<br>3.1                               | ASTM D 150<br>ASTM D 150 |
|                      | Volume Resistivity (Ω cm)<br>96h @ 23 °C and 50% RH<br>96h @ 23 °C and 96% RH | 1x10 <sup>16</sup><br>1x10 <sup>13</sup> | ASTM D 257<br>ASTM D 257 |

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

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