

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 After hot water immersion	0.005 0.015	ASTM D 150
	Dielectric Constant After water immersion After hot water immersion	2.9 3.1	ASTM D 150 ASTM D 150
	Volume Resistivity (Ω cm) 96h @ 23 °C and 50% RH 96h @ 23 °C and 96% RH	1x10 ¹⁶ 1x10 ¹³	ASTM D 257 ASTM D 257

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