

Quick and easy insulation — no heat or adhesive required!



Self-Fusing Insulation Tape

- Just two layers form a moisture-proof, abrasion-resistant, dielectric seal
- Easy-release, non-static-sensitive liner peels right off
- Creates an immediate, permanent bond even when wet
- Suitable for high and low voltage applications
- Resistant to UV, moisture and saltwater
- Easily removable — just slice with a knife and pull off — leaves no residue
- Smooth filler putty compound available for use under tape when insulating bolted or dimensionally inconsistent splices and terminations



TBFT421-36



Typical Applications

- Repair deteriorated insulation on cables and conductors
- Insulate and seal underwater, underground and above-ground bonding installations
- Insulate harnessing, bundling, cabling and wiring in aircraft, automotive, marine and other industrial machinery/equipment



Specifications

- Material: Modified silicone rubber compound
- Tensile Strength: 1200 psi
- Dielectric Strength: 20 mil: 600 vpm; 40 mil: 400 vpm
- Abrasion Resistance: 110 lbs./in.
- Water Absorption: < 0.5%
- Temperature Rating: 80° C max.
- Voltage Rating: 600V max.



TBFP9-2

CAT. NO.	WIDTH (IN.)	LENGTH (FT.)	THICKNESS (MILS)	COLOR	STD. PKG. QTY.
Self-Fusing Insulation Tape					
TBFT421-36	1	36	40	Red	10
TBFT201-36	1	36	20	Black	10
Smooth Filler Putty Compound					
TBFP9-2	1	2.08	—	White	1

Standard package is rolls. Order by rolls; not by feet.

HSTS25 — Tape Sealant



- Available in a 25-ft. roll
- Used in conjunction with T&B Heat-Shrinkable Insulators for better moisture sealing

Specifications

Physical

- Description: Butyl Rubber Polymer
- Application Temperature: 40° F to 100° F
- Service Temperature: -40° F to 180° F
- Environmental Resistance: Resists ozone and all normal aging processes

Electric

- Dielectric Strength: 250 v/mil minimum
- Volume Resistivity: 1014 ohms/cm

Chemical

- Chemical Resistance: Resists acids, bases and alcohols. Passes Fed. Spec. SS-S-00210, section 3.6

Installation Guidelines

1. The cable, etc., should be relatively clean and free of greases, oils, and other foreign substances.
2. It is best to overlap each wrap of tape by ¼ to ½ of the width for the best seal.
3. When using heat-shrinkable products, most applications require only 1 or 2 layers of tape prior to sliding tubing in place.
4. Shrink the tubing, cap, boot, etc., following the installation procedure for the applicable heat-shrinkable part.

To seal the junction or crotch of an application requiring two or more cables, conductors, etc. without a common jacket.

1. Apply the overlapped 1 or 2 layers around each cable, conductor, etc., at the same distance from the connector, or ball up the sealant and press into crotch or junction of the joint.
2. Apply 2 overlapping wraps over the bundle.
3. Slide the expanded heat-shrinkable part over the joint and shrink.

CAT. NO.	DESCRIPTION	WIDTH (IN.)	THICKNESS (IN.)	LENGTH (FT.)	STD. PKG. QTY.
HSTS25	Tape Sealant	1	.06	25	1

Standard package is reels. Order by reel; not by feet.