

SELF-FUSING TAPE
NO HEAT OR ADHESIVE REQUIRED

Shrink-Kon®



Thomas & Betts
A Member of the ABB Group

Quick and Easy Installation No Heat or Adhesive Required

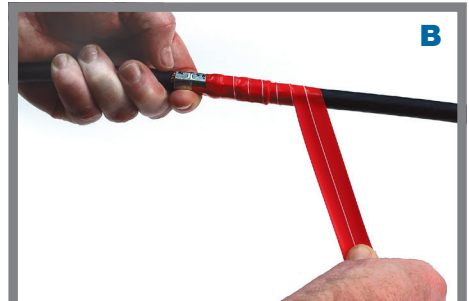
Two layers of Shrink-Kon® self-fusing tape delivers a moisture-proof, abrasion-resistant, dielectric seal.

Shrink-Kon® self-fusing tape is a self-amalgamation modified silicone compound that adheres to itself to insulate or seal wire or cable insulation.

- Insulate splices, terminations and connectors – high or low voltage applications
- High dielectric value (16,000 V per layer), tested to 69,000 V
- Stable even under extreme temperatures: -130° F to +500° F
- Suitable for use underwater and underground
- Creates an instant, permanent bond even when wet – no waiting
- UV-, radiation-, ozone-, steam-, moisture- and saltwater-resistant
- Typical applications:
 - Repair insulation on cables and conductors
 - Insulate and seal bonding installations
 - Motor connections
 - Insulate cabling and wiring in aircraft, automotive, marine and other equipment



A
Make sure power is off. Fill in recessed gaps if needed. Cut an easy to handle length of tape and stretch the tape half its width from the start.



B
Wrap along the centerline with as much tension as possible. When the tape touches the previous layer, it will stick and hold.



C
For an effective watertight seal, extend a minimum of 1.25" (32 mm) over the cable jacket. For additional layers, use less tension and stretch tape until its width is reduced by one quarter.



D
A minimum of two layers of tape* is required for any splice. For increased physical or electrical strength or severe environmental conditions, additional layers can be applied.

*Two layers of tape = dielectric value of 32,000 V. See complete instructions inside each package of Shrink-Kon® self-fusing tape.

Technical Specifications

Characteristic	Applicable Standards	Acceptance Criteria
Shore "A" Durometer Hardness	ASTM D2240	55-65
Dielectric Strength	A-A-59163, ASTM D-412	> 400 VPM (40 MIL tape)
Tensile Strength	A-A-59163	> 1200 PSI
Elongation	MIL-I-46852, ASTM D-412	> 325%
Adhesion (Fusion)	ASTM D-2148	Tape shall not unwind more than 1.0" after 3 min. with an attached 600g load.
Breaking strength	ASTM D-412	> 15%
Dimensions (Thickness & Width)	ASTM D-3767	Triangular:* (40 MIL tape) Thickness: 37-43 MIL on apex 10-30 MIL on edge Width: 7/8" to 1-1/8"
Water Absorption	MIL-I-46852, Fed. Std. 601, Method 6251	< 0.5%

Shrink-Kon® Self-fusing Tape



Catalog Number	Description	Dimensions L x W x T
TBFT421-12	Fusion Tape	12 ft x 1 in. x 0.040 in.
TBFP9-2	Smooth Filler Putty	24 ft x 1 in. x 5/16 in.