Catalog Number	67024
UPC Number	6019867024
Description	Epoxy Resin Enapsulation Splice Kts Butt/Branch Stub & In-Line Splice Applications

Features

- Exothermic Encapsulating Resin Technology
- Submersible/Direct Burial Rated
- Permanent Watertight Seal Protects against
  Voltage Leakage, Cable Deterioration, & Cable Failure
- Fast Error-Proof Setup - Low-Viscosity Resin Compound Penetrates Completely Around Splice
  Penetrates Completely Around Splice
- Rated for Use with Cable Rated to 90°C
- Fungus Resistant
- UL 486D CSA 198.2 Listed
- 600V

General

Material:	Epoxy Resins, Mixing Tube, Mold, Damming Material
Wire Range Stub:	#18 - #1 Awg
Wire Range In-Line:	#18 - 4/0
Conductor Fill:	See Chart

Dimension Information

N/A

Specifications

Temperature Rating:	90°C	
Dielectric Strength:	at 25°C	> 500 volts/mil
Dielectric Constant:	at 23°C	3.66 @ 100 Hz 3.52 @ 1KHz
Volume Resistivity:	at 23°C	4.6 x 1014 ohm/cm
Surface Resistivity, ohm	at 23°C	3.8 x 1015 ohm/cm
Dissipation Factor	at 23°C	0.04 @100 Hz 0.03 @ 1KHz
Voltage:	600 Volt	
Cable Rating:	90°C	

Packaging

Bag Qty	1

Certifications

UL	486D
CSA	198.2

Kit Selector Guide

	Butt Splice Configuration			*Through Splice Configuration*	
Cat Number	67020	67022	67024	67024	67026
Wire Type	Maximum Number of Conductors			Maximum Number of Conductors	
18-16	10	20	14	14	-
14-12	6	12	9	9	-
10	4	8	6	6	-
8	3	6	4	4	4
6	2	2	2	2	3
4	2	2	2	2	2
3	2	2	2	2	2
2	1	2	2	2	2
1	1	2	2	2	2
1/0	-	-	-	2	2
2/0	-	-	-	2	2
3/0	-	-	-	2	2
4/0	-	-	-	2	2

Vertical Application:
Prepare your splice for a butt or vertical installation

1. Prepare the cable to be spliced. It is recommended you remove 2” of the outer sheath.
2. Use your local approved standard practice to splice wire.
3. Slide mesh centering bag over splice connectors. (see figure 6)
4. Position the splice in the center chamber of closure. (see figure 7)
5. Snap the closure shut, making sure all clips are fully locked together.
6. Position foam stopper around any wires coming out of bottom end and slide foam stopper into the bottom side of the splice closure. (see figure 8)
7. MAKE SURE THE BLUE PLUG IS IN THE POUR SPOUT.

Refer to Mixing Instructions, steps 1 and 2, on page 2.

8. If you mixed by shaking (and the clear bag has not been removed) remove tube from mixing bag.
9. Remove cap from tube and, squeeze, or pour the encapsulant into the top open end of the closure. (See figure 8)
10. Place the second foam stopper into the top open end of the closure.
11. The wire splice protection is now complete

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53 Carey Road
Queensbury, NY 12804

PRODUCT NO.

67024

POSITIVE PROTECTION FOR ANY SPLICE IN A WET OR DAMP DIRECT BURIED ENVIRONMENT

Excellent for splicing wires used:

- Around water treatment plants
- In RV parks for splicing
- For outdoor lighting

- Around swimming pools
- For irrigation system controls
- For golf course water controls

MORRIS

53 Carey Road
Queensbury, New York 12804

Telephone: (888) 777-6678
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LISTED
Sealed Wire Connector System
31YB

SHAKE N' SEAL SERIES
Installation Instructions

#67024 Electrical Splice Kit

Maximum 600v, 90°C Operating Temp.
UL Listed "Submersible"
Product is best if used within 18 months of manufacture.

Before You Start:
**** PLEASE READ THROUGH ALL INSTRUCTIONS.**
**** SPLICE WIRES BEFORE MIXING ENCAPSULANT.**
**** THE ENCAPSULANT TUBE IS IN A PROTECTIVE BAG.**
DO NOT REMOVE FROM BAG UNTIL INSTRUCTED.

Horizontal Application:
Prepare your splice for a straight splice installation.

1. It is recommended you remove 2" of the outer sheath.
2. Slide mesh centering bag over wire to be spliced. (Cut a slit in the closed end of the mesh bag to pass wire through.) (see figure 1)
3. Use your local approved standard practice to splice the wire.
4. Slide mesh bag back over splice connectors. (see figure 1)
5. Position the splice in the center of the closure. (see figure 2)
6. Snap the closure shut, making sure all clips are fully locked together.
7. Position the foam stoppers around the wire(s), then slide one stopper into each end of the closure. (see figure 3)

MIXING INSTRUCTIONS
Refer to mixing chart before proceeding

1. While wearing the disposable gloves provided, hold the tube, still in the clear plastic inner bag, with the heat-sealed end pointing away. Flip the white barrier with your thumb and forefinger, allowing the two components to mix.

IMMEDIATELY GO TO THE NEXT STEP

2. Shake the tube with an up and down motion for the amount of time noted on the mixing chart, or use alternative mixing method.

10. If you mixed by shaking (and the clear bag has not been removed) remove tube from mixing bag, remove cap from tube, and squeeze or pour the encapsulant into the pour spout, slightly tilting the closure. (see figure 4). If mixed by alternative mixing method, pour encapsulant from open end into the pour spout, slightly tilting closure. Make sure splice is fully encapsulated.

3. Put the blue plug back into the pour spout. (see figure 5)
4. The wire splice protection is now complete.

Temperature (F)	Below 65°F	66° F- 85° F	86° F-100° F
Mix Time	Use alternate mixing method below.	Shake for One minute	Shake for 30 Seconds

Alternative Mixing Method:
At temperatures below 65° , DO NOT shake. After flipping the white barrier, remove the tube from the mixing bag. Cut the heat sealed end. Then remove the white barrier with the wooden paddle. Stir vigorously with the mixing paddle for one minute to blend the two components. Then proceed to step 6.

HORIZONTAL FIGURES

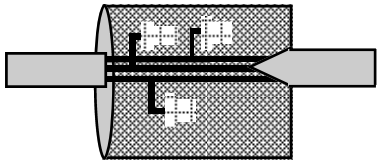

Figure 1

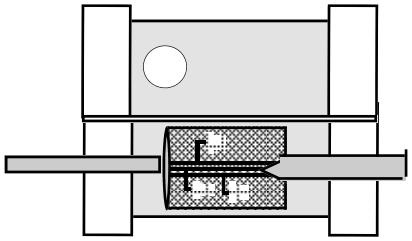

Figure 2

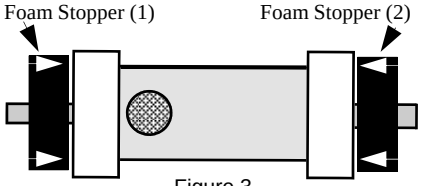

Figure 3

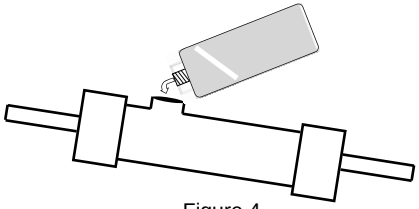

Figure 4

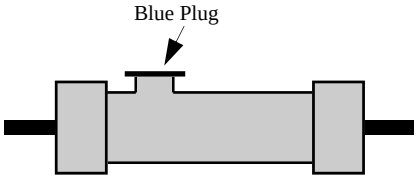

Figure 5

VERTICAL FIGURES

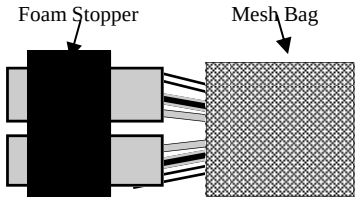

Figure 6

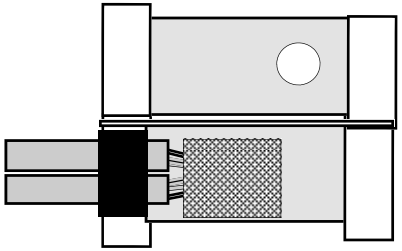

Figure 7

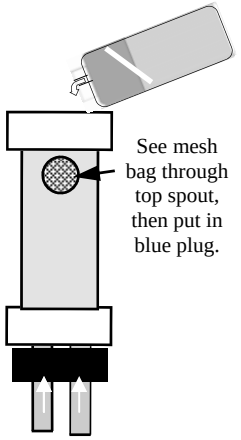

Figure 8