

Instruction Sheet

No. 367
Eng. Dwg No. 412690
ECO 10330

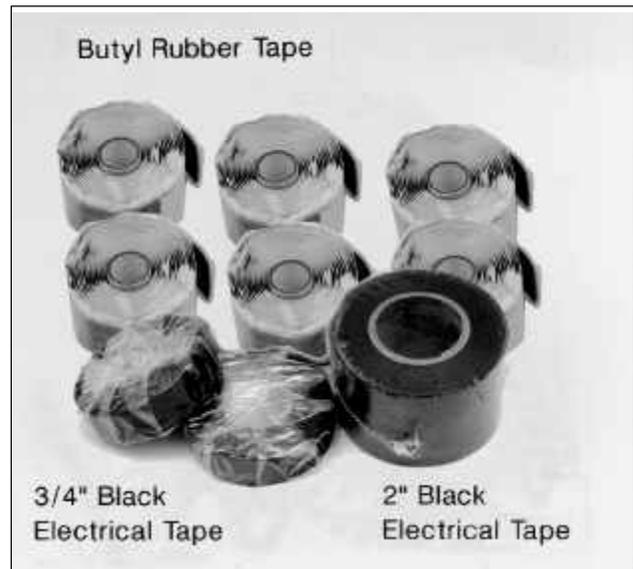
Connector / Splice Weatherproofing Kit for *FLEXWELL*® Coaxial Cable

Description

The Connector / Splice Weatherproofing Kit includes butyl rubber tape and black electrical tape to provide moisture protection on exposed and buried connectors and splices.

The kit may be used with the standard heat shrink boot covering supplied with the connector and splice assemblies to provide addition protection against abrasions.

The Connector / Splice Weatherproofing Kit will cover the following number of connector / splice junctions:



Junction Size	Number of Junctions
1/4"	12
3/8"	12
7/16"	12
1/2"	12
7/8"	8
1-1/4"	6
1-5/8"	2
2-1/4"	2
3"	1
4"	1
5"	1

Kit Components	Quantity
Black Electrical Tape, 3/4" x 66 ft.	2
Black Electrical Tape, 2" x 66 ft.	1
Plyseal Butyl Tape, 2-1/2" x 24"	6

RFS Cablewave Systems

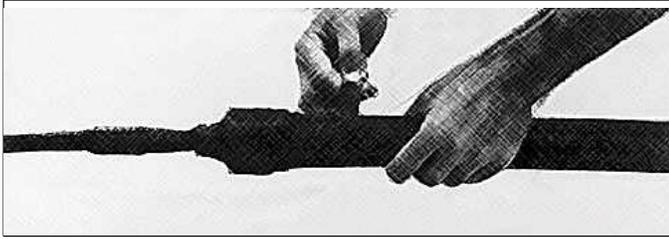
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RADIO FREQUENCY SYSTEMS
RFS Cablewave

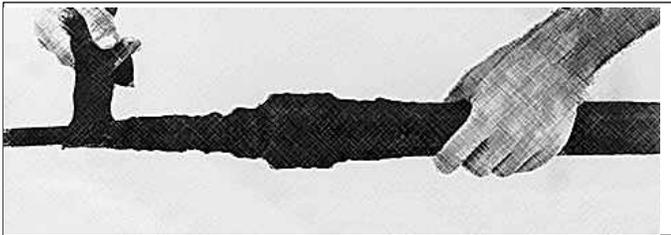


Connectors

Cable to Cable



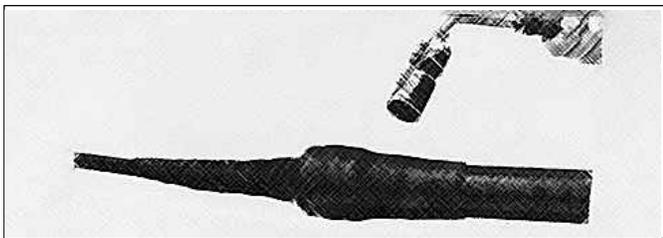
1. Wrap the connection with a layer of 3/4" black electrical tape. Overlap the tape a half-width and extend the wrapping 2" beyond the connection. (Note: If shrink boot is present, slip onto cable and away from junction before connecting cables.)



2. Wrap the connection with a layer of rubber tape. Overlap the tape a half-width and wrap 1" within the bounds of the black electrical tape.

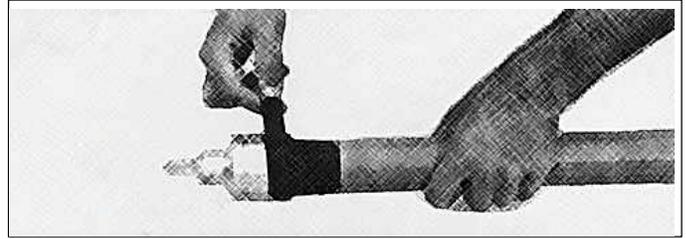


3. Wrap the connection with a layer of 2" black electrical tape and then the 3/4" black electrical tape. Overlap each tape a half-width and wrap 1" beyond the rubber tape. Do not pull and tear the tape during the last few turns. Tape should be cut in order to prevent unraveling.

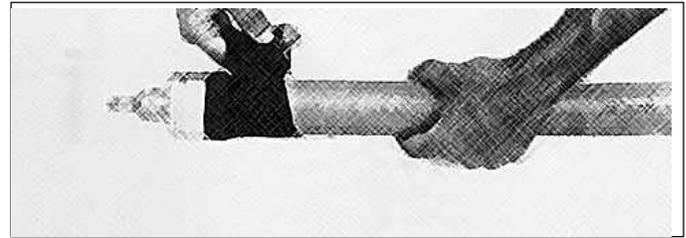


4. If shrink boot is present, slide shrink boot into position over the cable and connector backnut. Using a heat gun or torch, apply uniform heat allowing boot to shrink smoothly into place. (Note: If shrinkboot does not fit after weatherproofing tapes have been applied or shrinkboot is not present, use additional layer of black electrical tape instead.)

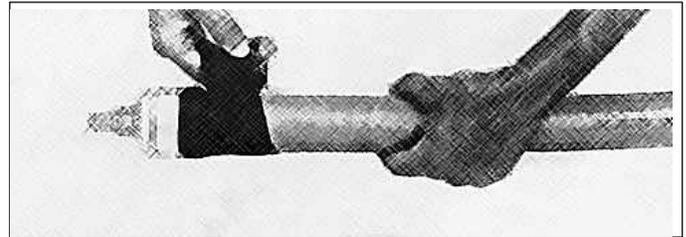
Cable to Connector



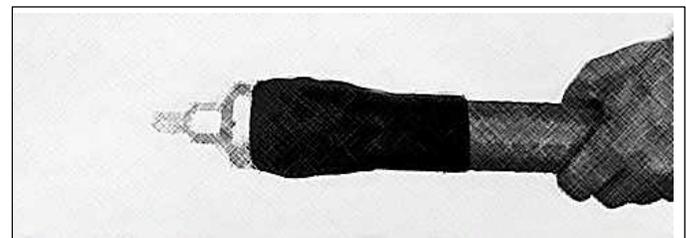
1. Wrap the connection with a layer of 3/4" black electrical tape. Overlap the tape a half-width and begin wrapping 2" of jacket before the connector and extend wrapping 1" over connector backnut. (Note: If shrinkboot is present, slip onto cable and away from junction before attaching connector.)



2. Wrap the connection with a layer of rubber tape. Overlap the tape a half-width and wrap within the bounds of the black electrical tape.

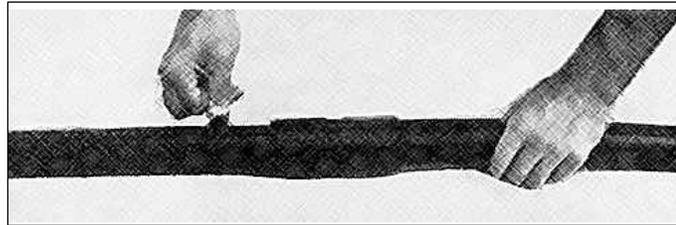
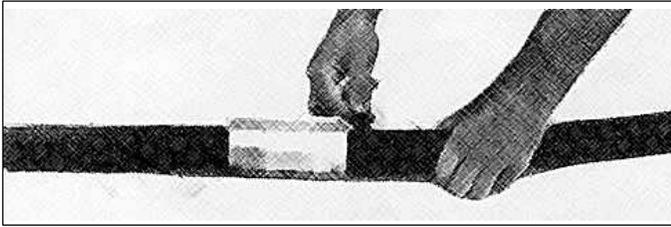


3. Wrap the connection with a layer of 2" black electrical tape and then the 3/4" black electrical tape. Overlap each tape a half-width and wrap 1" beyond the rubber tape. Do not pull and tear tape during the last few turns. Tape should be cut in order to prevent unraveling.

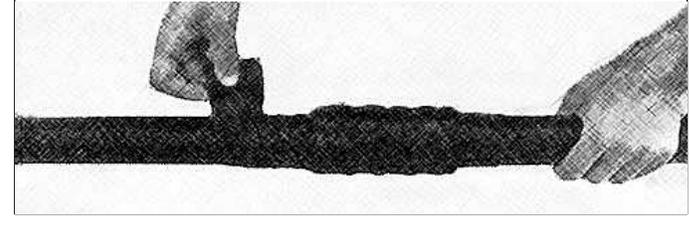
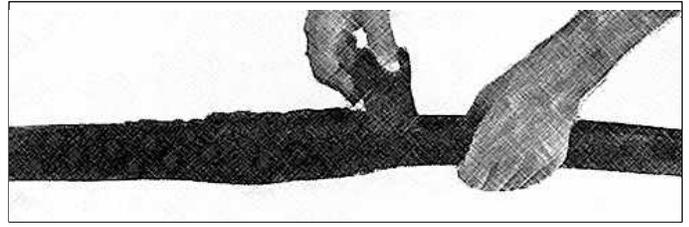
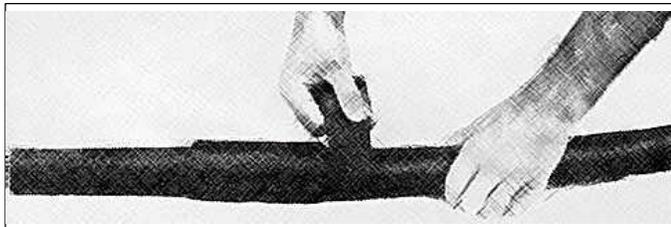


4. If shrinkboot is present, slide shrinkboot into position over the cable and connector backnut. Using a heat gun or torch, apply uniform heat allowing boot to shrink smoothly into place. (Note: If shrinkboot does not fit after weatherproofing tapes have been applied or shrinkboot is not present, use additional layer of black electrical tape instead.)

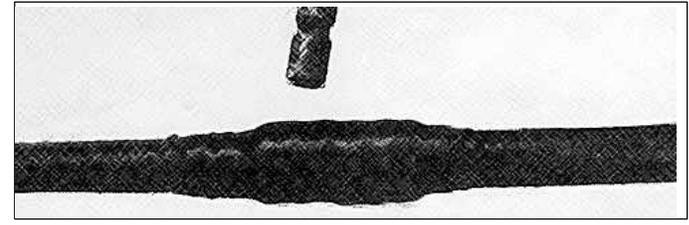
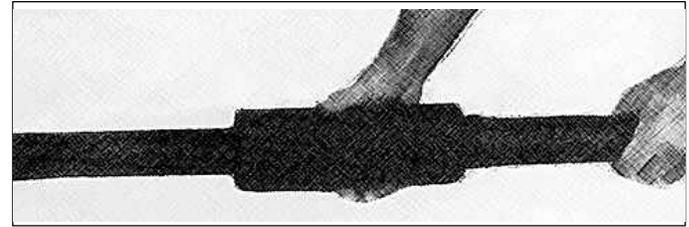
Splices



1. Wrap the connection with a layer of 3/4" black electrical tape. Overlap the tape a half-width and extend the wrapping 2" beyond the connection. (Note: If shrinkboot is present, slip onto cable and away from junction before connecting cables.)



3. Wrap the connection with a layer of 2" black electrical tape and then the 3/4" black electrical tape. Overlap each tape a half-width and wrap 1" beyond the rubber tape. Do not pull and tear tape during the last few turns. Tape should be cut in order to prevent unraveling.



2. Wrap the connection with a layer of rubber tape. Overlap the tape a half-width and wrap 1" within the bounds of the black electrical tape.

4. If shrinkboot is present, slide shrinkboot into position over the cable and splice. Using a heat gun or torch, apply uniform heat allowing boot to shrink smoothly into place. (Note: If shrinkboot does not fit, after weatherproofing tapes have been applied, or is not present, use additional layer of black electrical tape instead).

Note: General rules for electrical tape application

Wrap from the bottom up, or if on a horizontal, from the smaller diameter to the larger. Overlap each turn by 1/2. Stretch the tape slightly for most of the wrappings, tapering off tension near the last few turns. Apply the last wrap of tape with no tension to prevent flagging. Cut the tape end - do not pull when cutting tape. Compress the wrappings with both hands to insure complete contact with all layers of tape.

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