



LVWRS Series

Cable Repair Sleeve

Description

Innovative Power Product's cable repair sleeve, LVWRS is a heatshrinkable, wraparound sleeve with precoated adhesive, designed for repairing primary insulation, or damaged cable jackets. It is ideally suited for direct burial or cable tray applications. The LVWRS kits cover a conductor size range from 8 AWG-2500 kcmil for single-core, three-core and three-core-armored power cables rated up to 1000 volts. The wraparound sleeve permanently insulates and repairs all common types of low voltage rubber or plastic insulation and repairs jacket damage to all low or medium voltage power cables.

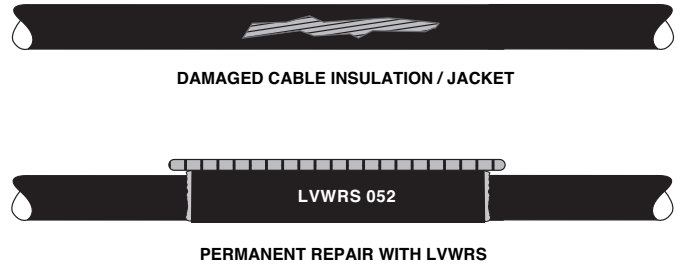
The LVWRS sleeve provides a reliable abrasion resistant, moisture proof method of repairing fixed power cables. The sleeves are the economical and permanent solution for repairing mid-run jacket damage to medium voltage cables and insulation/jacket damage for low voltage power cables

Fast, Easy Installation

Installation is fast and simple, no special skills required:

- Clean each side of the damaged area
- Wrap sleeve around cable and install closure channel
- Center sleeve over damaged area; shrink in place

Sleeves of the same length can be connected to increase their diameter use range. If you connect two of the same size and length sleeves together, the diameter use range will double.



Related Product Information

LVWRS: Price List PL-340

Kit Contents

The LVWRS series kit contains the following:

- Precoated heatshrinkable wraparound sleeves
- Stainless steel closure channel(s) & clip(s)
- Installation Guide

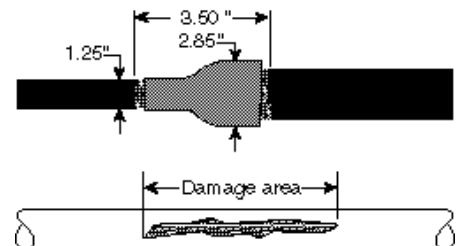
For additional stainless steel channels and clips see section 5.

Selection and Ordering Information

For mechanical or corrosion protection of cables, determine the largest and the smallest diameters in inches and the length to be covered. Select the LVWRS catalog number based on use range dimensions or 1KV cable use range.

Catalog Number	Use Range max-min dia. (in.)	1 KV Cable. Use Range (nom.)	Standard Length	Standard Package
LVWRS 052-60	1.80 - 0.25	8 - 350 kcmil	60.0"	1 kit
LVWRS 076-60	2.55 - 0.95	400 - 1250 kcmil	60.0"	1 kit
LVWRS 100-60	3.40 - 1.30	1250 - 2500 kcmil	60.0"	1 kit
LVWRS 139-60	4.70 - 1.65	Not Applicable	60.0"	1 kit
LVWRS 185-60	6.25 - 2.50	Not Applicable	60.0"	1 kit
LVWRS 210-60	7.10 - 2.50	Not Applicable	60.0"	1 kit

The proper sleeve size for the example below would be LVWRS 100



Damage Area	Total Seal	Sleeve Length
Under 3.0"	3.0"	0.0" - 6.0"
3.0" - 4.0"	4.0"	7.0" - 8.0"
4.0" - 6.0"	4.0"	8.0" - 10.0"
6.0" - 10.0"	5.0"	11.0" - 15.0"
11.0" - 24.0"	6.0"	17.0" - 30.0"
25.0" - 52.0"	8.0"	33.0" - 60.0"

LVWRS is available in a standard sixty inch (60") cut length. Shorter cut lengths are available by factory quote only.

To determine the length needed for a specific application:
Cut sleeve length = Damage length + total seal (see table at right)