

## Medium Voltage In-Line Heat-Shrink Splice



### HVS-3/C Mod Kits

#### For Rejacketing 3/C Shielded or Non-Shielded Cable (5-35 kV)

Designed for use with three 1/C splice kits, each HVS-3/C kit contains a rejacketing wraparound sleeve and sealant strips to complete your 3/C splice.

The MBSM wraparound sleeve provides environmental sealing, mechanical strength, and durability. The sealing mastic provides a secondary seal to protect against damage from water entering the splice region. Because just four sizes are able to rejacket a broad range of cable sizes from 5-25 kV, the HVS-3/C series kits allow complete inventory flexibility.

HVS-3/C kits are off-the-shelf alternatives for rejacketing 3/C extruded dielectric (XLPE- or EPR-insulated) power cables.

For use with three 1/C splice kits, each HVS-3/C kit contains all materials needed to convert three 1/C splices into one 3/C splice.

#### Selection Information: dimensions in inches (millimeters)

3/C Splice Using Three of 1/C kits	Order This HVS-3/C kit	Splice Reference Dimensions		Kit Installed Length	Required Installation Space
		Conductor Size Range (AWG/kcmil)	Insulation Diameter		
HVS-501	HVS-3/C-1	#6-#1	0.40-0.70 (10-18)	40 (1016)	48 (1219)
HVS-502	HVS-3/C-2	1/0-300	0.65-1.05 (17-27)	48 (1219)	56 (1422)
HVS-503	HVS-3/C-2	350-1000	0.95-1.65 (24-42)	48 (1219)	56 (1422)
HVS-821S	(5 kV) HVS-3/C-1	#6-2/0	0.35-0.65 (9-17)	40 (1016)	48 (1219)
	(5/8 kV) HVS-3/C-1	#6-2	0.35-0.65 (9-17)	40 (1016)	48 (1219)
HVS-822S	(5 kV) HVS-3/C-2	3/0-300	0.55-0.90 (14-23)	48 (1219)	56 (1422)
	(5/8 kV) HVS-3/C-2	#1-4/0	0.55-0.90 (14-23)	48 (1219)	56 (1422)
HVS-823S	(5 kV) HVS-3/C-2	350-750	0.80-1.25 (20-32)	48 (1219)	56 (1422)
	(5/8 kV) HVS-3/C-2	250-350	0.80-1.25 (20-32)	48 (1219)	56 (1422)
HVS-824S	(5 kV) HVS-3/C-3	1000-1500	1.00-1.60 (25-41)	60 (1524)	68 (1727)
	(5/8 kV) HVS-3/C-3	500-750	1.00-1.60 (25-41)	60 (1524)	68 (1727)
HVS-825S	(5/8 kV) HVS-3/C-3	750-1000	1.30-2.25 (33-47)	60 (1524)	68 (1727)
HVS-1521S	HVS-3/C-3	#2-4/0	0.65-1.05 (17-27)	60 (1524)	68 (1727)
HVS-1522S	HVS-3/C-3	250-350	0.90-1.30 (23-33)	60 (1524)	68 (1727)
HVS-1523S	HVS-3/C-4	500-750	1.10-1.60 (28-41)	72 (1829)	80 (2032)
HVS-1524S	HVS-3/C-4	750-1000	1.25-1.80 (32-46)	72 (1829)	80 (2032)
HVS-2521S	HVS-3/C-4	#1-250	0.90-1.20 (23-31)	60 (1524)	68 (1727)
HVS-2522S	HVS-3/C-4	350-500	1.20-1.50 (31-38)	72 (1829)	80 (2032)
HVS-2523S	HVS-3/C-4	750-1000	1.50-1.80 (38-46)	72 (1829)	80 (2032)
HVS-3521S	HVS-3/C-4	1/0-3/0	0.95-1.35 (24-34)	72 (1829)	80 (2032)
HVS-3522S	HVS-3/C-4	4/0-600	1.20-1.70 (30-43)	72 (1829)	80 (2032)
HVS-3523S	HVS-3/C-4	600-1000	1.55-2.15 (39-55)	72 (1829)	80 (2032)

#### Ordering Information

- Select the appropriate HVS-3/C kit based on the three 1/C kits used for the application (see table above). One HVS-3/C kit will rejacket one 3/C splice.
  - HVS-500 (5 kV) Non-shielded
  - HVS-820S (5/8 kV)
  - HVS-1520S (15 kV)
  - HVS-2520S (25 kV)
  - HVS-3520S (35 kV)
- Selections are based on the typical dimensions of 100% insulated cables and commonly used connectors, manufactured in accordance with AEIC standard. Nominal conductor size range for the 1/C splice kits is based on the typical dimensions of 100% and 133% insulated cables.
- Minimum 3/C cable jacket O.D.
 

HVS-3/C-1	0.65" (17 mm)
HVS-3/C-2	1.30" (33 mm)
HVS-3/C-3	1.80" (46 mm)
HVS-3/C-4	2.15" (55 mm)
- Standard package: 1 kit/box