



## LIVE END SEAL (HVES)

FOR 1/C PILC AND POLY OR 3/C PILC CABLE (15-25 kV)

### KEY FEATURES

- Provides excellent insulation
- For use on polymeric and PILC cables

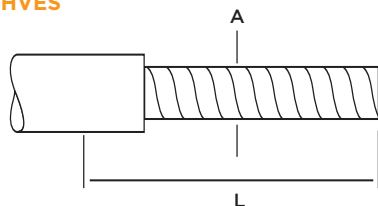
TE Connectivity's (TE) Raychem HVES heat-shrinkable live end seals insulate and seal the ends of polymeric and PILC cables. These kits consist of heat-shrinkable tubings and a high-dielectric strength, polymeric plug, which overlap the conductor to provide excellent insulation. The outer adhesive-lined re-jacketing sleeve is designed to provide a positive environmental seal.

Once the HVES kit is installed, the cable can be re-energized. Typical applications include the live ending of spare cables for future use, isolating a failed cable length, and sectionalizing a cable circuit during system maintenance and repair, expansion, or testing.

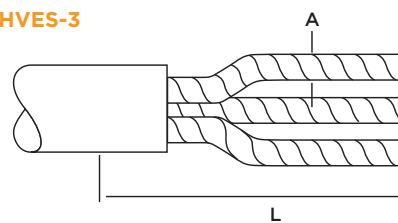
**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**



HVES



HVES-3



**PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (mm)**

Description	PILC/Poly Conductor Size (AWG/kcmil)	Insulation Diameter (min - max)		Kit Installed Length
		PILC	POLY	
<b>HVES-1520D (1/C PILC/VCLC and 1/C Poly) 15 kV</b>				
		<b>A</b>	<b>A</b>	<b>L</b>
HVES-1521D	#4 - 4/0	0.60 - 0.90 (15 - 23)	0.65 - 1.05 (17 - 27)	12 (305)
HVES-1522D	250 - 350	0.85 - 1.10 (22 - 28)	0.90 - 1.30 (23 - 33)	12 (305)
HVES-1523D	500 - 750	1.05 - 1.30 (27 - 33)	1.10 - 1.60 (28 - 41)	12 (305)
HVES-1524D	750 - 1000	1.20 - 1.50 (30 - 38)	1.25 - 1.80 (32 - 46)	12 (305)
<b>HVES-2520D (1/C PILC/VCLC and 1/C Poly) 25 kV</b>				
HVES-2521D	#1 - 250	0.85 - 1.25 (22 - 32)	0.85 - 1.25 (22 - 32)	21 (533)
HVES-2522D	350 - 500	1.15 - 1.50 (29 - 38)	1.15 - 1.50 (29 - 38)	23 (584)
HVES-2523D	750 - 1000	1.50 - 1.90 (38 - 48)	1.50 - 1.90 (38 - 48)	25 (635)
<b>HVES-3-1590 (3/C PILC/VCLC) 15 kV</b>				
HVES-3-1591	#4 - 4/0	0.60 - 1.00 (15 - 25)	-	27 (686)
HVES-3-1592	250 - 350	0.85 - 1.10 (22 - 28)	-	27 (686)
HVES-3-1593	500 - 750	1.05 - 1.50 (27 - 38)	-	27 (686)
HVES-3-1594	750 - 1000	1.15 - 1.75 (29 - 44)	-	27 (686)
<b>HVES-3-2590E (3/C PILC/VCLC) 25 kV</b>				
HVES-3-2591E	#1 - 250	0.85 - 1.20 (22 - 30)	-	28 (711)
HVES-3-2592E	350 - 500	1.15 - 1.40 (28 - 36)	-	31 (787)
HVES-3-2593E	750 - 1000	1.50 - 1.70 (38 - 43)	-	32 (813)

**ORDERING INFORMATION**

1. Select the appropriate catalog number. All selections are based on the typical dimensions of 100% insulated and 133% insulated poly cables manufactured in accordance with AEIC standard Nominal insulation thickness (100%): 15 kV: 165 mils (PILC/VCLC) 175 mils (poly) 25 kV: 225 mils (PILC/VCLC) 260 mils (poly) Nominal insulation thickness (133%): 15 kV: 220 mils (poly)
2. For cables manufactured to other specifications, confirm selection with cable dimensions
3. Standard package: HVES-1520D,-2520D = One kit/box, HVES-3-1590,-2590E = One 3/C kit/box

**TEST REPORT**

15 kV: EDR-5146  
25 kV: EDR-5273

[te.com/energy](http://te.com/energy)

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