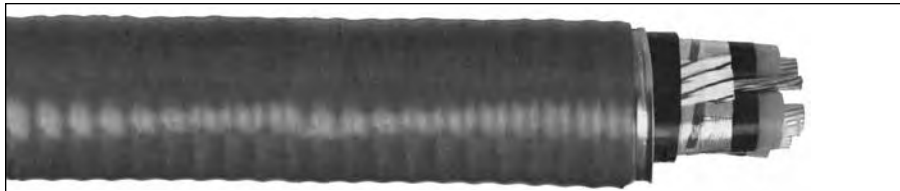


# HVTECK

TRXLPE/Tape Shield/PVC/AIA/PVC, Power, Shielded, Armored  
15 kV, CSA HVTECK, 100% Ins. Level, 175 Mils, Three Conductor



**Features:**

- Rated at 90°C wet or dry
- Excellent crush, oil and chemical resistance
- Provides long service life
- Cost-effective alternative to installations in conduit
- Meets cold bend and impact tests at -40°C

**Compliances:**

**Industry Compliances:**

- CSA Standard C68.10

**Flame Test Compliances:**

- CSA FT1 and FT4
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr) CSA FT4
- ICEA T-30-520 (70,000 BTU/hr)
- ICEA T-29-520 (210,000 BTU/hr)

**Other Compliances:**

- Hazardous Location Rating: HL
- EPA 40 CFR, Part 261 for leachable lead content per TCLP method
- OSHA Acceptable
- RoHS Compliant

**Packaging:**

- For Canadian customers, lengths are provided on returnable wood or steel reels that require a deposit. Extra charges apply for lagging, pulling eyes, paralleling and plexing
- For U.S. customers, material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lagging, pulling eyes, paralleling and plexing

**Product Construction:**

**Conductor:**

- 2 AWG thru 1000 kcmil bare copper compact Class B strand

**Strand Shield:**

- A thermoset semi-conducting strand shield is extruded over the conductor

**Insulation:**

- Tree-Retardant Cross-linked Polyethylene (TRXLPE)

**Insulation Shield:**

- This consists of a semi-conducting thermosetting layer, applied in a triple extrusion process, plus a helically applied gapped copper tape
- Color-coded: black, red or blue colored tape placed longitudinally under the copper tape shield

**Ground (Bonding) Conductor:**

- The conductor consists of one uninsulated stranded bare copper conductor

**Inner Jacket:**

- Lead-free, flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

**Armor:**

- Aluminum Interlocked Armor (AIA)

**Overall Jacket:**

- Lead-free, ACID-FLAME-CHECK ✓✓<sup>®</sup> flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), red

**Options:**

- Galvanized Steel Interlocked Armor (GSIA)

**Applications:**

- For wiring in all hazardous locations when used with certified HL cable glands
- For exposed and concealed wiring in dry, damp or wet locations
- For use in ventilated, non-ventilated and ladder-type cable trays in dry, damp or wet locations
- For direct earth burial (with protection as required by inspection authority)

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG)	NOMINAL DIAMETER (OVER)										COPPER WEIGHT		NET WEIGHT W/ARMOR				OUTDOOR AMPACITY** (40°C AMBIENT)
				INSULATION		INSULATION SHIELD		INNER JACKET		ARMOR		CABLE		LBS/1000 FT	kg/km	LBS/1000 FT		kg/km		
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm			AL	STEEL	AL	STEEL	
<b>2 AWG THRU 1000 kcmil—THREE CONDUCTOR—100% INS. LEVELS, 175 MILS INS. (4.45 mm)—15 kV</b>																				
17496.030200*	3	2	6	0.66	16.7	0.73	18.6	1.82	46.3	2.11	53.6	2.21	56.2	787	1171	2370	3220	3530	4790	141
17496.830100*	3	1	6	0.69	17.5	0.76	19.3	1.89	48.0	2.18	55.4	2.27	57.7	955	1421	2620	3490	3890	5190	161
17496.835100*	3	1/0	6	0.73	18.5	0.79	20.1	1.97	50.0	2.26	57.4	2.35	59.7	1163	1731	2900	3810	4320	5670	184
17496.835200*	3	2/0	6	0.77	19.5	0.84	21.3	2.06	52.3	2.34	59.5	2.46	62.5	1429	2127	3330	4280	4960	6370	212
17496.835300*	3	3/0	4	0.82	20.8	0.88	22.4	2.16	54.9	2.44	62.0	2.57	65.3	1812	2697	3840	4840	5720	7200	242
17496.835400*	3	4/0	4	0.87	22.0	0.93	23.7	2.27	57.7	2.56	65.1	2.68	68.1	2228	3316	4360	5410	6490	8050	278
17496.836000*	3	250	4	0.93	23.5	0.99	25.2	2.38	60.5	2.68	68.1	2.79	70.9	2598	3866	4880	5990	7260	8910	306
17496.836200*	3	350	3	1.06	26.9	1.15	29.2	2.73	69.4	3.02	76.7	3.14	79.8	3587	5338	6210	7430	9240	11060	373
17496.536500*	3	500	3	1.14	29.0	1.23	31.2	2.97	75.5	3.26	82.8	3.40	86.4	5013	7460	8549	9550	12721	14200	450
17496.837000*	3	750	2	1.32	33.6	1.41	35.9	3.35	85.1	3.64	92.5	3.77	95.8	7446	11081	11100	12640	16520	18810	545
17496.837500*	3	1000	1	1.47	37.4	1.56	39.6	3.72	94.5	3.97	100.8	4.17	105.9	9376	13953	13890	15580	20670	23180	640

Dimensions and weights are nominal; subject to industry tolerances.

\*Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

\*\*Ampacities at other voltage levels do not vary significantly.

Special approval by local electrical inspection authorities may be required (Ref. CE Code Part 1, Appendix B, Rule 4-004).

