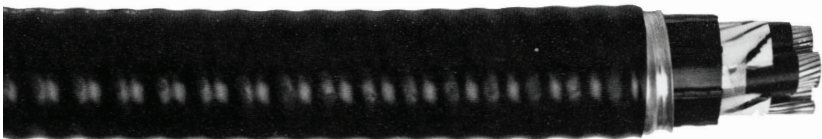


HVTECK

TRXLPE/Tape Shield/PVC/AIA/PVC, Power, Shielded, Armored 35kV
CSA HVTECK, 133% Ins. Level, 420 Mils, Three Conductor

Product Construction:

- Conductor:**
 - 1/0 AWG thru 350 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 \sqrt{V} ® flameretardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black or as requested



- Options:**
 - 105°C TRXLPE Insulation
 - 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 laddertype cable trays in dry, damp or wet locations
 - For direct earth burial (with protection as required by inspection authority)
- 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:**
 - CSA Standard C68.10 MV68.10
- Flame Test Compliances:**
 - CSA FT1 and FT4
 - IEEE 1202 (70,000 BTU/hr) CSA FT4
- 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

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			
			INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/ km	AL	STEEL		AL
1/0 AWG THRU 350 kcmil—THREE CONDUCTOR— 28 kV (133% INS. LEVEL) / 35 kV (100% INS. LEVEL), 345 MILS INS. (8.76 mm)																				
3	1/0	6	1.24	31.5	1.30	33.0	3.09	78.4	3.38	85.7	3.53	89.6	1300	1935	4710	6070	7009	9033	187	
3	2/0	6	1.28	32.5	1.34	34.0	3.17	80.6	3.46	87.9	3.61	91.8	1580	2351	5350	6780	7962	10090	215	
3	3/0	4	1.33	33.8	1.39	35.3	3.28	83.3	3.57	90.7	3.72	94.5	1850	2753	5450	6740	8110	10030	245	
3	4/0	4	1.38	35.1	1.44	36.6	3.39	86.0	3.68	93.4	3.83	97.3	2300	3423	6580	8110	9792	12069	281	
3	250	4	1.44	36.6	1.50	38.1	3.52	89.3	3.81	96.7	3.96	100.5	2690	4003	7190	8790	10700	13081	310	
3	350	3	1.53	38.9	1.59	40.4	3.71	94.2	4.00	101.6	4.15	105.4	3750	5581	8600	10300	12798	15328	377	

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).