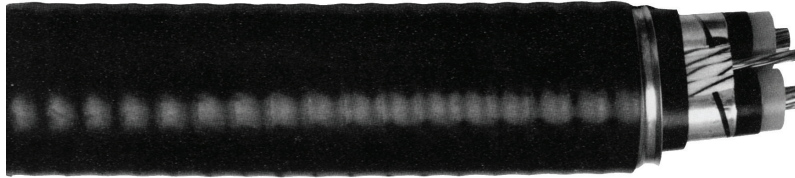


HVTECK

TRXLPE/Tape Shield/PVC/AIA/PVC, Power, Shielded, Armored
28 kV (133% Ins. Level) / 35 kV (100% Ins. Level)
345 Mils, CSA HVTECK, 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} flame-retardant, 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 ladder-type 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:**Industry 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	LBS/1000 FT		kg/km		
			INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm			AL	STEEL	AL	STEEL	
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	1.08	27.5	1.17	29.7	2.76	70.2	3.05	77.5	3.18	80.8	1200	1786	4360	5620	6490	8370	187
3	2/0	6	1.12	28.5	1.21	30.8	2.92	74.2	3.21	81.6	3.36	85.4	1466	2182	4950	6280	7370	9350	215
3	3/0	4	1.16	29.7	1.22	32.0	2.96	76.7	3.25	84.1	3.42	87.9	1717	2750	5047	6243	8160	10210	245
3	4/0	4	1.22	31.0	1.31	33.3	3.14	79.6	3.43	87.2	3.58	90.9	2130	3369	6090	7510	9060	11180	281
3	250	4	1.27	32.3	1.37	34.8	3.26	82.9	3.55	90.2	3.70	94.0	2494	3921	6660	8140	9910	12120	310
3	350	3	1.42	36.1	1.51	38.4	3.56	90.5	3.85	97.8	4.00	101.6	3471	5389	7960	9540	11840	14190	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).