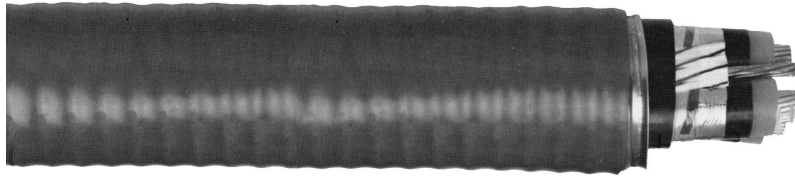


HVTECK

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

**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 $\sqrt{v}$ ® flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), red

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								
			INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/ km	AL	STEEL	AL	STEEL	
2 AWG THRU 1000 kcmil—THREE CONDUCTOR—100% INS. LEVELS, 175 MILS INS. (4.45 mm)—15 kV																			
3	2	6	0.66	16.8	0.72	18.3	1.83	46.4	2.12	53.7	2.24	56.8	710	1056	2358	3113	3508	4633	141
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	3376	3899	5023	161
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	3656	4315	5440	184
3	2/0	6	0.77	19.5	0.828	21.3	2.06	52.3	2.35	59.5	2.49	62.5	1340	1994	3199	4089	4760	6085	212
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
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
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
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
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
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
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).