HVTECK

TRXLPE/Wire Shield/PVC/AIA/PVC, Power, Shielded, Armored 15 kV
CSA HVTECK, 133% Ins. Level, 220 Mils, Single 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)

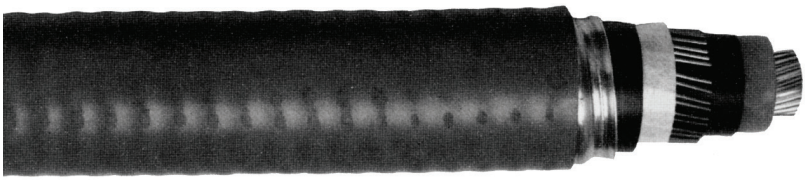
Insulation Shield:
- Black semi-conducting thermosetting layer, applied in a triple extrusion process, plus a concentric serving of solid copper wires acting as both a drain wire shield and a grounding (bonding) conductor

Ground (Bonding) Conductor:
- The conductor is a concentric serving of solid copper wires applied over the thermosetting insulation shield

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 √√® 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/AL 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	LBS/ 1000 FT	kg/ km	
2 AWG THRU 1000 kcmil—SINGLE CONDUCTOR—133% INS. LEVELS, 220 MILS INS. (5.59 mm)—15 kV																	
1	2	6	0.76	19.3	0.83	21.1	1.09	27.7	1.34	34.1	1.43	36.4	286	426	1028	1530	198
1	1	4	0.79	20.1	0.86	21.9	1.12	28.4	1.37	34.8	1.46	37.1	391	582	1170	1740	225
1	1/0	4	0.82	20.8	0.88	22.3	1.18	30.0	1.43	36.3	1.53	38.8	464	691	1258	1872	255
1	2/0	4	0.86	21.8	0.92	23.3	1.22	30.9	1.47	37.3	1.56	39.5	551	820	1343	1999	291
1	3/0	3	0.91	23.0	0.97	24.5	1.27	32.2	1.52	38.5	1.61	41.0	694	1033	1525	2270	327
1	4/0	3	0.96	24.4	1.02	25.9	1.32	33.6	1.61	40.9	1.73	44.0	832	1238	1763	2623	373
1	250	2	1.02	25.9	1.08	27.4	1.38	35.1	1.66	42.2	1.76	44.7	989	1472	2010	2991	417
1	350	1	1.11	28.2	1.17	29.7	1.49	37.9	1.78	45.2	1.90	48.3	1366	2032	2444	3636	491
1	500	1/0	1.22	31.0	1.28	32.6	1.58	40.2	1.87	47.6	1.99	50.6	1905	2835	3052	4542	562
1	750	2/0	1.40	35.5	1.46	37.1	1.85	47.1	2.14	54.4	2.26	57.5	2782	4139	4191	6236	642
1	1000	2/0	1.57	39.8	1.63	41.3	2.07	52.6	2.36	60.0	2.50	63.6	3567	5308	5305	7894	740

Dimensions and weights are nominal; subject to industry tolerances.
*Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.
**Open circuit (shield/armor) is assumed. 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).