KRIS-TECH PRODUCT SPECIFICATIONS

HMWPE CATHODIC PROTECTION CABLE

MADE IN U. S. A.

UL LISTED UPON REQUEST

RoHS COMPLIANT

APPLICABLE STANDARDS AND TESTS

- ✓ ASTM B-1, B-3, B-8, B-33, B-172, and B-173
- ✓ ASTM D-1248, NEMA WC-5, ICEA S-61-402
- ✓ UL 83, UL 1581 and UL 2556
- ✓ Spark tested at 7500 VAC unless
- ✓ Upon request this wire can be manufactured and marked as a UL listed product

PRINT WHEEL

- ✓ Kris-Tech Wire Co. #XX AWG HMWPE cathodic protection cable

VALUE ADD SERVICE

- ✓ Custom lengths and put-ups
- ✓ 12 available colors
- ✓ Wire paralleling and cabling
- ✓ Wire striping
- ✓ Custom print legends and labels

SNAP FOR MORE INFORMATION

KrisTech PROUDLY MADE IN THE USA

SCOPE

Single conductor cathodic protection cable is used for direct earth burial DC feeder cable for cathodic protection systems, storage tanks, pipelines, wells, ocean vessels, and metallic structures buried or water submerged.

CONSTRUCTION

Conductors: The single conductors are solid or stranded annealed or hard uncoated copper.

Insulation: Black, sunlight resistant polyethylene is concentrically insulated, Type I, Class C, Cat 4, and Grades E4-E8, J1-J3. Types II, III, and IV (LLDPE & MDPE & HDPE,) and Classes A, B and D are available on request. Rated at 75°C, 600 volts.

IDENTIFICATION AND PACKAGING

The wire shall be identified by surface marking indicating the manufacturer and AWG size. If a UL listed product is requested the wire will be identified and surface printed in accordance with the UL requirements.

Long length bulk reels are standard. Custom lengths, colors, stranding, and packaging are available by request.

AWG	Standard Number of Strands	Bending Radius (inches)	Insulation Thickness (inches)	Nominal Overall Diameter – Inches (standard strands)	Approx. Shipping Weight (Lbs/Mft)	Nominal DC Resistance OHM/1000 ft @ 20°C
14	7	1.16	.110	.29	38	2.624
12	7	1.24	.110	.31	48	1.650
10	7	1.36	.110	.34	62	1.038
8	7	1.48	.110	.37	87	0.653
6	7	1.60	.110	.40	122	0.411
4	7	1.80	.110	.45	175	0.258
2	7	2.04	.110	.51	260	0.162
1	19	2.32	.125	.58	330	0.129
1/0	19	2.48	.125	.62	405	0.102
2/0	19	2.68	.125	.67	511	0.081
3/0	19	2.89	.125	.72	628	0.064
4/0	19	3.12	.125	.78	771	0.051
250	37	3.31	.140	.83	880	0.043
350	37	3.75	.140	.94	1211	0.031

Spec: HMWPE Cathodic Protection Cable
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