



HMWPE Cable

The quality of the cable is extremely important for the efficiency of cathodic protection system, especially the anode cables. Commonly use cathodic protection cables are PVDF/HMWPE, XLPE/PVC, THHN, HMWPE etc. Cables used for cathodic protection systems must be highly corrosion resistant and capable of withstanding adverse environments to which they are exposed.

YUXI HMWPE cathodic protection cable utilizes stranded copper conductors that are insulated with a high molecular weight polyethylene (HMWPE) compound that provides strong resistance to abrasion, crushing, chemicals, oil, moisture, and other elements. We use all-natural materials in the production of our pipeline cathodic protection cables. With a copper conductor rated for 600 volts, our HMWPE wire is available in any sizes.

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APPLICATION

- ▶ Pipelines
- ▶ Storage tanks
- ▶ Pilings
- ▶ Well casings
- ▶ Marine crafts
- ▶ Other buried or water submerged metallic structures



FEATURES

HMWPE provides superior resistance to:

- ▶ Corrosion
- ▶ Abrasion
- ▶ Crushing
- ▶ Chemicals
- ▶ Oils
- ▶ Moisture

SPECIFICATIONS

Size	Strands	Insulation Thickness	Nominal Overall Diameter	DC at 20°C	Approx. Shipping Weight	Maximum Current Rating
mm ²	No.	mm	mm	Ohm/km	Kg/km	Amps.
2.5	7	2.8	7.7	7.41	70	18
4	7	2.8	8.2	4.63	90	24
6	7	2.8	8.8	3.08	120	30

10	7	2.8	9.7	1.83	146	42
16	7	2.8	10.7	1.15	171	56
25	7	2.8	12.1	0.727	249	73
35	7	2.8	13.2	0.524	374	90
50	19	3.18	15.3	0.387	464	145
70	19	3.18	17.1	0.268	782	185
