

NORTHTOWN

Product Data Sheet

Pipe Protection Products

HMWPE Cathodic Protection Cable 600v

Stranded

Application

Direct earth burial for cathodic protection of metallic structures.

Cathodic Protection Cable is used in systems that protect metallic structures from electrolysis and corrosion. The product acts as a DC feeder cable to drain static electricity, providing cathodic protection for: Pipelines, well Casings, storage tanks, water towers, marine craft, bridges, piers/pilings, railroad.

Description

Multi conductor, stranded, low density, high molecular weight polyethylene insulation.

Specifications

Designed and approved for direct earth burial, Northtown Cathodic Protection Cable is available from 14 ga. Through 2 ga. Standard black insulation consists of low density, high molecular weight polyethylene (HMWPE) which offers excellent resistance to abrasion and corrosion from chemicals, salt and water. The material has high dielectric strength and remains flexible at low temperatures. All sizes meet or exceed ASTM standards B-8 & B-3 , D-1248, Type I , Class C , Category 5 , Grade E-4 & E-5. Icea S61-402, Part 6, paragraph 6.11.4.

HMWPE COPPER

Size AWG/MC M	Number Of Strands	Average Overall Diameter		Approx.Weight Lbs./Mft	Ampacity* Amps
		Inches	MM		
14	7	0.10	2.7	16	25
12	7	0.12	3.0	25	30
10	7	0.15	3.8	37	40
8	7	0.11	2.9	17	25
6	7	0.13	3.4	25	30
4	7	0.17	4.2	40	40
2	7	0.22	5.6	65	55

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