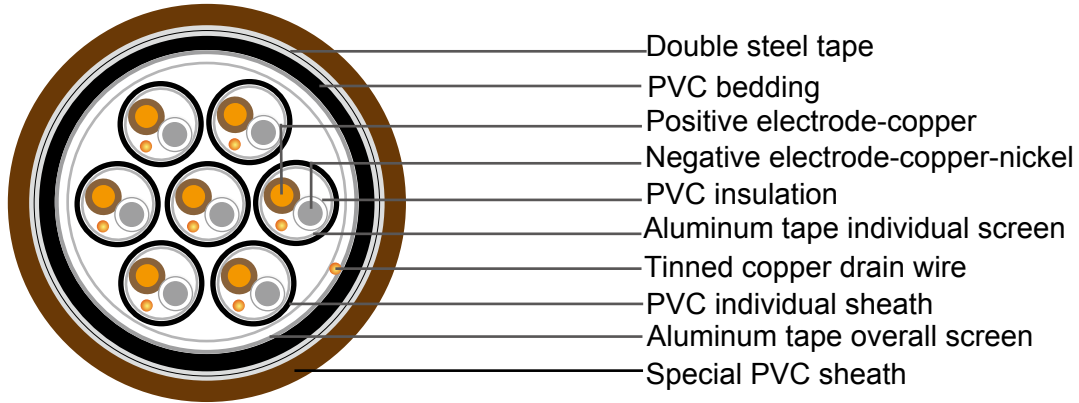




Cables for Oil Industry

Individual & Overall Screened & Armored Thermocouple Cable



TX Individual & Overall Screened & Armored Thermocouple Cable

Applications

These cables are suitable for underground use in industries where hydrocarbon may be present and where chemical and mechanical protections are required.

Standards

IEC 60584-3; NF C 42-324

Construction

Conductor: Metal according to thermocouple type

Insulation: PVC

Individual screen: Aluminum/polyester tape with tinned copper drain wire

Individual sheath: PVC

Overall screen: Aluminum/polyester tape with tinned copper drain wire

Inner sheath: PVC

Armor: Double steel tape

Sheath: Special PVC. Color depends on thermocouple type

Properties

Flame retardance: NFC 32070 C2, IEC 60332-1-2

Operating voltage: 250V

Operating temperature: -20~60°C

Max. conductor temperature in service: 70°C

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

Conductor Size mm ²	No. of Pairs	Min. O.D. (mm)	Max. O.D. (mm)	Approx. Weight (kg/km)
0.5 solid	3	14.6	16.8	370
0.5 solid	7	19.1	22.0	590
0.5 solid	12	23.9	27.5	865
0.5 solid	19	28.8	33.0	1225
0.5 solid	27	33.2	38.2	1700