

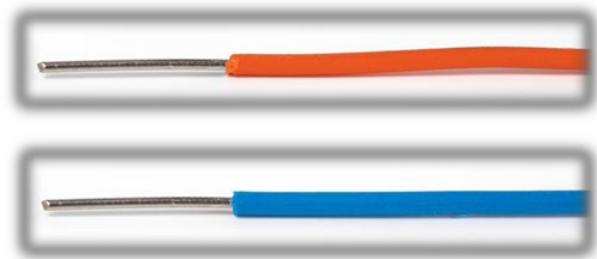
Description

The ElectroTechCP™ polypropylene coated titanium wire serves an important purpose in installation with discrete anodes. The wire is well suited in installation with challenging environmental conditions due to the coating which assures UV-protectivity and a low water permeability. The coating follows the European color coding standards and thus comes in orange for anode installation and blue for reference electrodes. The titanium core provides the wire with the needed conductivity and makes a good strength-to-weight ratio. The diameter of the coated wire is 2.4 mm ± 0.1 mm.



Features and Benefits

- The titanium core gives the wire an **excellent conductivity**
- The titanium core ensures a **long service life** due to the water insolubility of the material
- The coating provides **UV resistance** for the wire
- The coating also assures **low water permeability**



Properties

Titanium Conductor Wire		PP Coating	
Industrial specification	ASTM B348 Grade 2 –UNS R50400	Type	<i>Polypropylene</i>
Nominal Diameter	1.2 mm	Nominal Thickness	0.6 mm
Electrical Resistivity	$54 \times 10^{-6} \text{ ohm} \times \text{cm}$	Electrical Resistivity	$10 \times 10^{15} \text{ ohm} \times \text{cm}$
Density	$4.51 \frac{\text{g}}{\text{cm}^3}$	Features	Weather and UV resistant Resistant to Alkaline environments May be embedded in concrete
		Colors	Blue – RAL 5015 Orange – RAL 2004

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