



Titanium Conductor Tape is designed to distribute cathodic protection current to a MMO titanium-based anode system. The conductor tape is highly resistant to corrosion in various environments.

### Material Specification

Thickness:	0.7 mm
Width:	20 mm
Linear Resistance:	0.04 ohm/m
Composition:	Titanium, Grade 1 per ASTM B265
Coefficient of thermal expansion:	$8.7 \times 10^{-5}/^{\circ}\text{K}$ (0.0000048/in/in/ $^{\circ}\text{K}$ )
Thermal conductivity at 20°C:	15.6 W/m <sup>2</sup> - $^{\circ}\text{K}$ (9.0 BTU/hr/ft <sup>2</sup> / $^{\circ}\text{F}$ /ft)
Electrical resistivity:	0.000056 ohm-cm (0.000022 ohm-in)
Modulus of elasticity:	105 GPa (14,900,000 PSI) minimum
Tensile strength:	245 MPa (35,000 PSI) minimum
Yield strength:	175 MPa (25,000 PSI) minimum
Elongation:	24% minimum