



TCGT – (Teflon Ceramic tape Glass Teflon)

High Temperature Wire

Description

TCGT high temperature wire is flexible and has a high resistance to flame, heat and abrasion. TCGT is typically used in high temperature environments inside appliances, but has mostly been replaced by TGGT.

Construction

Stranded Nickel Plated Copper Conductor
 PTFE Insulation Tapes wrapped with Ceramic Tape
 Overall Braided Fiberglass Jacket treated with saturant

Voltage Rating

UL 5331: 300 Volts
 UL5288: 600 Volts

Application

TCGT high temperature wires may be used for internal wiring of industrial, commercial or residential ovens, furnaces, kilns, cooking, curing or drying equipment.

Temperature Rating

250°C

Approvals

CSA AWM Class I A/B FT-2
 UL5288/ UL 5331



Sycor Part No	AWG Size	No of Strands	NOM Insulation	NOM O.D	Weigh# / lbs PER 1000 ft
A4M1816	18	16	0.025"	0.110"	12
A4M1626	16	26	0.025"	0.125"	16
A4M1441	14	41	0.025"	0.137"	21
A4M1265	12	65	0.025"	0.158"	33
A4M10105	10	105	0.025"	0.180"	43
A4M08133	8	133	0.025"	0.227"	70
A4M06133	6	133	0.035"	0.298"	111
A4M04133	4	133	0.035"	0.351"	168
A4M02133	2	133	0.035"	0.425"	241

Value Added Services

None offered

Color Codes



* Additional colors and striped combinations available upon request.