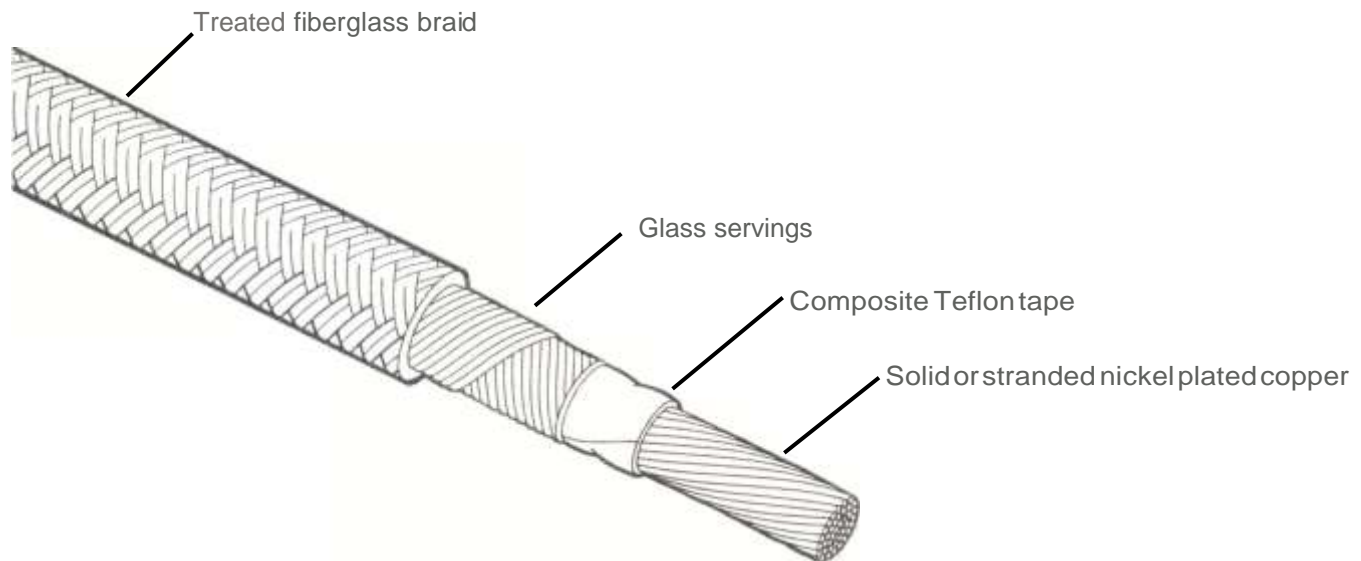


A high temperature lead wire where flexing, durability, abrasion and moisture resistance are required. UL listed and CSA certified.



WHAT IT IS

TGGT – UL / CSA 600V is a specially constructed high temperature lead wire especially suited for ovens, kilns, band, strip and cartridge heaters, industrial and commercial heating equipment and other high temperature applications.

ADVANTAGES

1. All components 250°C rated in continuous service.
2. Provides critical high temperature performance.
3. Gives excellent resistance to abrasion and moisture.
4. Excellent for flexing applications.
5. Also available in multi-conductor shielded and jacketed constructions.

OPERATING CHARACTERISTICS

PHYSICAL PROPERTIES

Temperature Rating: 250°C

Voltage Rating: 600 Volts

APPROVALS

UL Listed :

24 - 8 AWG: Style 5127 & Style 5196

6 - 2 AWG: Style 5196 Only

CSA:

Certified

CONSTRUCTION SPECIFICATIONS

Conductors: solid or stranded nickel plated copper

Insulation: composite Teflon tape

Covering: glass servings and treated fiberglass braid

Physical Characteristics - TGGT - UL/CSA 600V

AWG	Stranding	Nom. Conductor Dia		Total Thickness All Coverings		Nom. Finished OD		Approx. Wt.	
		Inches	MM	Inches	MM	Inches	MM	Lbs / 1000Ft	Kg /Km
24	7 x .0080	.024	0.61	.033	0.84	.090	2.29	7.0	10.4
22	7 x .0100	.030	0.76	.033	0.84	.096	2.44	8.5	12.7
20	7 x .0126	.038	0.96	.033	0.84	.104	2.64	10.0	14.9
18	16 x .0100	.045	1.21	.033	0.84	.111	2.90	12.5	18.6
16	26 x .0100	.060	1.52	.033	0.84	.124	3.15	17.5	26.0
14	41 x .0100	.069	1.75	.033	0.84	.140	3.56	24.0	35.7
12	65 x .0100	.091	2.31	.033	0.84	.162	4.11	34.0	50.6
10	105 x .0100	.130	3.30	.037	0.94	.204	5.18	49.0	72.9
8	168 x .0100	.174	4.42	.037	0.94	.248	6.30	73.0	109.0
6	133 x .0142	.210	5.33	.051	1.30	.312	7.93	126.0	187.0
4	133 x .0179	.266	6.76	.051	1.30	.368	9.37	182.0	271.0
2	133 x .0226	.332	8.43	.051	1.30	.434	11.0	267.0	397.0

Note:

24-8 AWG : UL Style 5127 & 5196

6 - 2 AWG : UL Style 5196 Only

Custom Cables: The cables in this table represent our standard product line. If you require special modifications or unique customizations, SCC engineers along with our extensive testing facilities can create and produce special cables for the most demanding applications.