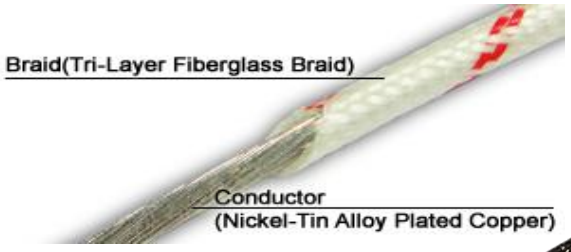
Cert. No.: SG02/00221

NIZ 400ºC High Temperature Wire
CODE: TGGT-400

High temperature wire is nickel-tin plated copper, braided with tri-layers fiberglass + Silicone Resin provides superior abrasion resistance in oven, stove and other applications. The ceramic fiber and jacketed fiberglass are high quality fiberglass that will not burn and will withstand continuous exposure to temperatures of 400°C. This material resists most acids and alkalis and is unaffected by most bleaches and solvents.

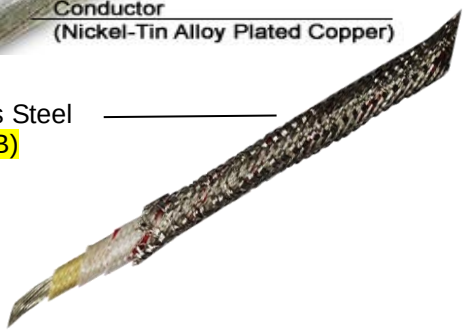
Product Application
The wire can be used in various thermal places ranging from household appliances, lighting devices, industrial machines, to high-temperature oven.



Technical Data

- Nominal voltage: 600V
- Temperature range: -80ºC ~ +400ºC
- O.D. Tolerance: ±0.1mm~±0.5mm
- Testing voltage: 2000VAC
- Conductor: Nickel-Tin Plated Copper
- Insulator: Tri-Layers Fiberglass + Silicone Resin
- Braid Colour: White/Red (Strip)

Outer Stainless Steel Braiding (SSOB)



Conductor			Insulator	Overall Diameter Mm	Max. Current at 170ºC-AMR	Packing
Nominal cross Section Area mm² (AWG)	Composition No. x mm	Inner Diameter Mm	Thickness Of fiberglass mm			Mtr/Coil
0.30 (22)	12 x 0.180	0.7	0.75	2.20	3	100
0.50 (20)	20 x 0.180	1.0	0.75	2.50	5	100
0.75 (18)	30 x 0.180	1.2	0.75	2.70	7	100
1.00 (17)	40 x 0.180	1.3	0.75	2.80	9.5	100
1.25 (16)	50 x 0.180	1.5	0.75	3.00	12	100
1.50 (15)	28 x 0.254	1.6	0.75	3.10	14.5	100
1.50 (15) SSOB	28 x 0.254	1.6	0.75	3.28	14.5	100
2.00 (14)	37 x 0.254	1.8	0.75	3.30	17	100
2.50 (14)	47 x 0.254	2.0	0.75	3.50	20	100
2.50 (14) SSOB	47 x 0.254	2.0	0.75	3.80	20	100
3.50 (12)	43 x 0.322	2.5	0.75	4.00	23	100
4.00 (11)	50 x 0.320	2.9	0.75	4.40	31	100
4.00 (11) SSOB	50 x 0.320	2.0	0.75	4.60	31	100
5.50 (10)	34 x 0.452	3.1	0.90	4.90	35	100
6.00 (10)	37 x 0.450	3.2	0.90	5.00	46	100
8.00 (8)	50 x 0.450	3.7	0.90	5.50	55	100
10.00 (7)	63 x 0.450	4.2	0.90	6.00	72	100
14.00 (6)	88 x 0.450	4.9	0.90	6.70	93	100
16.00 (5)	100 x 0.450	5.2	0.90	7.00	105	100
22.00 (4)	7x20x0.45	7.0	0.90	8.80	112	100
25.00 (3)	7x23x0.45	7.5	0.90	9.30	126	100

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