

250C/300V and 250C/600V

TGGT 250

HIGH-TEMPERATURE LEAD WIRE

RATINGS / APPROVALS

250°C - 300 Volts - UL Style 5257 / CSA AWM I A/B FT I

250°C - 600 Volts - UL Style 525 I/5256 / CSA AWM I A/B FT I

CONSTRUCTION

Conductors

24 AWG - 10 AWG (300V)

24 AWG - 4/0 AWG (600V)

Stranded nickel-plated copper - 2%

(Other conductor materials available)

Insulating System

PTFE Tape with glass serve

Outer Covering

Braided fiberglass with a high temperature finish

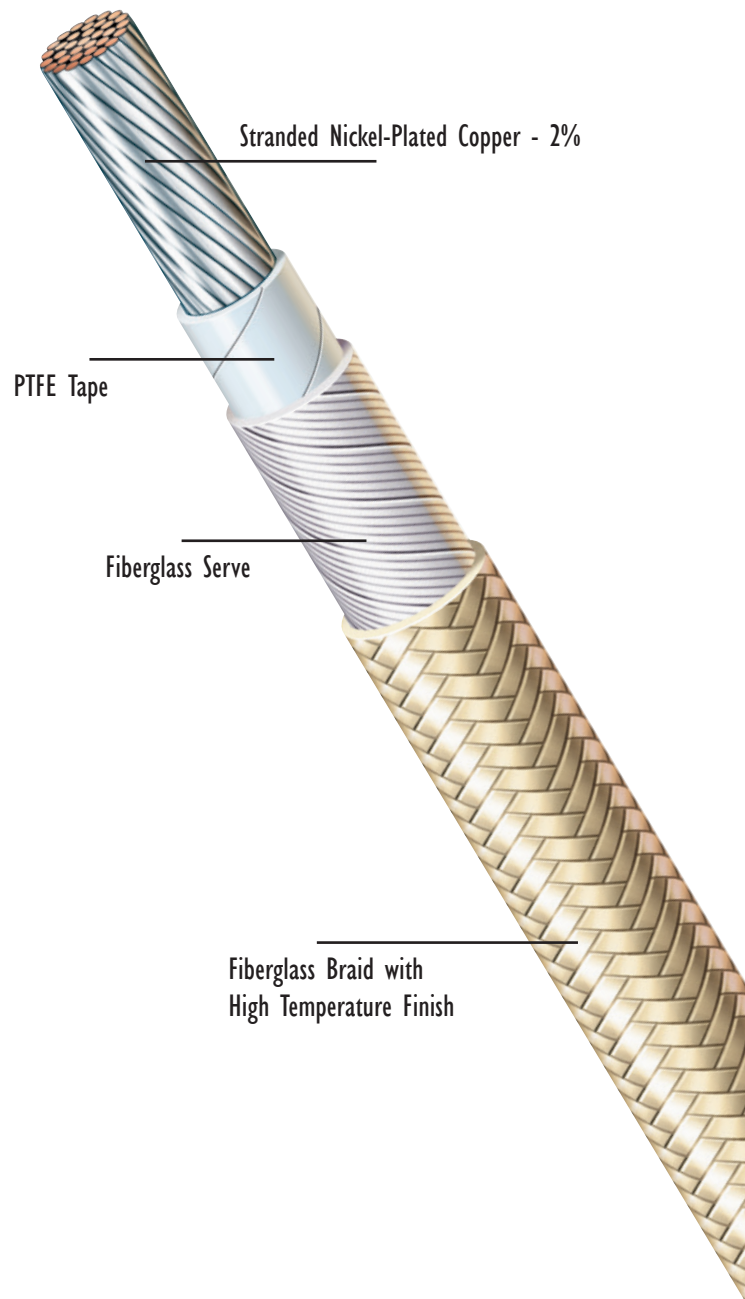
Standard Color Coding

Natural and Solid Colors

Colored Tracers

CHARACTERISTICS

- Excellent cut and strip characteristics making it ideal for high volume manufacturing and assembly.
- Tough treated outer glass braid and fiberglass servings permit the product to withstand repeated flexing and severe mechanical abuse.
- Moisture resistant
- Resists pushback and braid fray
- Flexible



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SPECIFICATIONS

TGGT 250

HIGH-TEMPERATURE LEAD WIRE

TGGT 250C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
DAT24P007	24	7	0.064	1.63	4	5.74	0.51	5257	AWM I A/B FT I
DAT22P007	22	7	0.068	1.73	5	7.26	0.54	5257	AWM I A/B FT I
DAT20P007	20	7	0.072	1.83	6	9.21	0.58	5257	AWM I A/B FT I
DAT18P019	18	19	0.079	2.01	8	12.13	0.63	5257	AWM I A/B FT I
DAT16P026	16	26	0.099	2.51	13	19.81	0.79	5257	AWM I A/B FT I
DAT14P041	14	41	0.114	2.90	19	27.98	0.91	5257	AWM I A/B FT I
DAT12P065	12	65	0.132	3.35	28	41.31	1.06	5257	AWM I A/B FT I
DAT10P105	10	105	0.157	3.99	42	61.94	1.26	5257	AWM I A/B FT I

TGGT 250C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt (kg/km)	Min. Bend Radius (in)	UL	CSA
DBT24P007	24	7	0.068	1.73	4	6.43	0.54	5256	AWM I A/B FT I
DBT22P007	22	7	0.074	1.88	6	8.20	0.59	5256	AWM I A/B FT I
DBT20P007	20	7	0.085	2.16	7	10.95	0.68	5256	AWM I A/B FT I
DBT18P019	18	19	0.090	2.29	9	14.06	0.72	5256	AWM I A/B FT I
DBT16P026	16	26	0.107	2.72	14	21.30	0.86	5256	AWM I A/B FT I
DBT14P041	14	41	0.120	3.05	20	29.65	0.96	5256	AWM I A/B FT I
DBT12P065	12	65	0.139	3.53	29	43.23	1.11	5256	AWM I A/B FT I
DBT10P105	10	105	0.164	4.17	43	64.37	1.31	5256	AWM I A/B FT I
DBT08P133	8	133	0.211	5.36	66	98.09	1.69	5256	AWM I A/B FT I
DBT06P133	6	133	0.257	6.53	99	147.19	2.06	5256	AWM I A/B FT I
DBT04P133	4	133	0.335	8.51	164	244.07	2.68	5256	AWM I A/B FT I
DBT02P133	2	133	0.401	10.19	248	369.08	3.21	5256	AWM I A/B FT I
AITX1P259	1/0	259	0.531	13.49	404	601.25	4.25	5251	AWM I A/B FT I
AITX2P259	2/0	259	0.582	14.78	499	742.63	4.66	5251	AWM I A/B FT I
AITX3P259	3/0	259	0.639	16.23	617	918.24	5.11	5251	AWM I A/B FT I
AITX4P259	4/0	259	0.702	17.83	762	1134.04	5.62	5251	AWM I A/B FT I

Standard conductor: Nickel Plated Copper - 2%
Consult factory for alternative conductor and stranding options.

All dimensions listed above are nominal
Compliance: UL Listed File No. E22244. CSA Certified File No. LL13427 or LL80670
Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire & Cable is not responsible for any claim traceable to such error.

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