

RATINGS / APPROVALS

250°C – 300 Volts - UL Style 5180 / CSA AWM I A/B FTI

250°C – 600 Volts - UL Style 5127, 5196, 5251 / CSA AWM I A/B FTI

CONSTRUCTION

Conductors

24 AWG – 2 AWG (300 Volts)

24 AWG – 4/0 AWG (600 Volts)

Stranded or solid nickel-plated copper
(Other conductor materials available)

Insulating System

PTFE Tape with glass serve

Outer Covering

Braided fiberglass with a high temperature finish

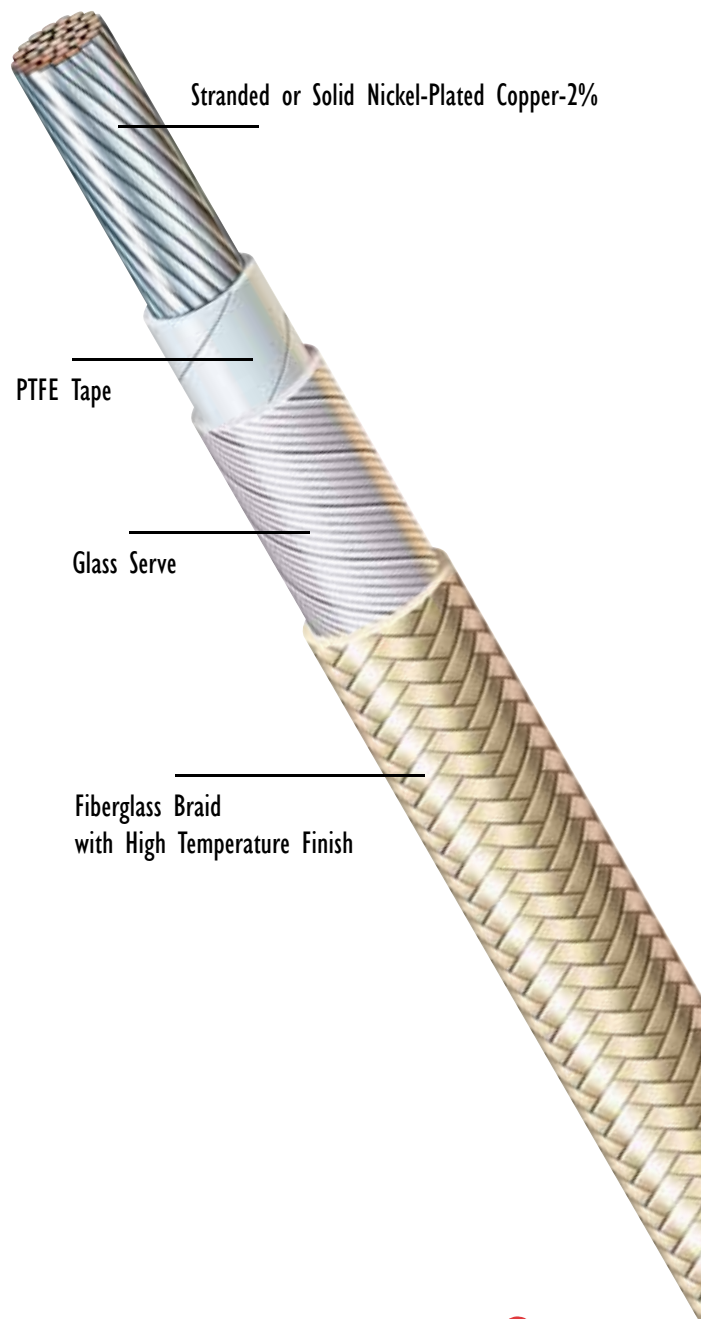
Standard Color Coding

Natural and Solid Colors

Colored Tracers

CHARACTERISTICS

- 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.



Radix™

Radix Wire Company

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TGGS 250C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
AAS22P007	22	7	0.077	1.96	5.34	7.96	5180	AWM I A/B FTI
AAS20P007	20	7	0.084	2.13	6.80	10.13	5180	AWM I A/B FTI
AAS18P019	18	19	0.089	2.26	8.82	13.14	5180	AWM I A/B FTI
AAS16P026	16	26	0.113	2.87	14.08	20.98	5180	AWM I A/B FTI
AAS14P041	14	41	0.126	3.20	19.80	29.50	5180	AWM I A/B FTI
AAS12P065	12	65	0.144	3.66	28.83	42.96	5180	AWM I A/B FTI
AAS10P105	10	105	0.169	4.29	42.90	63.92	5180	AWM I A/B FTI

TGGS 250C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
ARS22P007	22	7	0.098	2.49	8.03	11.94	5127/5196/5251	AWM I A/B FTI
ARS20P007	20	7	0.105	2.67	9.71	14.45	5127/5196/5251	AWM I A/B FTI
ARS18P019	18	19	0.112	2.84	11.95	17.78	5127/5196/5251	AWM I A/B FTI
ARS16P026	16	26	0.125	3.18	16.10	23.96	5127/5196/5251	AWM I A/B FTI
ARS14P041	14	41	0.137	3.48	21.78	32.41	5127/5196/5251	AWM I A/B FTI
ARS12P065	12	65	0.155	3.94	30.52	45.42	5127/5196/5251	AWM I A/B FTI
ARS10P105	10	105	0.181	4.60	45.84	68.22	5127/5196/5251	AWM I A/B FTI
ARS08P133	8	133	0.229	5.82	70.60	105.07	5127/5196/5251	AWM I A/B FTI
ARS06P133	6	133	0.294	7.47	114.20	169.95	5196	AWM I A/B FTI
ARS04P133	4	133	0.374	9.50	182.90	272.19	5196	AWM I A/B FTI
ARS02P133	2	133	0.443	11.25	272.10	404.94	5196	AWM I A/B FTI
AISX1P259	1/0	259	0.531	13.49	410.95	611.59	5251	AWM I A/B FTI
AISX2P259	2/0	259	0.582	14.78	506.05	753.12	5251	AWM I A/B FTI
AISX3P259	3/0	259	0.636	16.23	624.59	929.53	5251	AWM I A/B FTI
AISX4P259	4/0	259	0.702	17.83	770.66	1146.92	5251	AWM I A/B FTI

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

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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 Company, Inc. is not responsible for any claim traceable to such error.



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