

SILICABLE® 450°C

Composite insulated wires

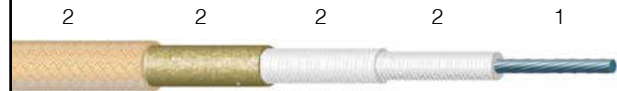
- Max operating temp. +450°C
- 300 V / 600 V
- Good resistance to thermal shock
- Good resistance to oxidization

Construction

- 1 - Stranded or solid 27% nickel plated copper or pure nickel conductor
- 2 - Composite insulation: Mica tape(s) and/or fiberglass lapping + fiberglass braid

Approvals - standards

- Compliance UL/cUL file E101965
- RoHS Compliant



Use: High temperature appliances wiring material

Standard products

- Color coding = single color, or color stripes
- Surface marking

Voltage	300 V		600 V	
UL	5168		5107	
cUL	AWM I A/B		AWM I A/B	
AWG Size	Nominal OD (in)	Approx. linear weight (lbs/mft)	Nominal OD (in)	Approx. linear weight (lbs/mft)
26	-	-	.091	7.9
24	.067	5.4	.095	9.1
22	.075	7.6	.102	11.6
20	.083	10.8	.110	15.2
18	.091	15.1	.118	19.8
16	.102	20.8	.130	26.0
14	.118	32.3	.146	38.3
12	.138	47.6	.165	54.4
10	.205	83.0	.228	91.4
8	.236	129	.260	139
6	.284	199	.303	209
4	.343	334	.362	345
2	.429	522	.449	536
1	.465	689	.484	704
1/0	.512	854	.532	871
2/0	.567	1,071	.587	1,089
3/0	.614	1,304	.634	1,324
4/0	.673	1,590	.693	1,612

Flame ratings	Horizontal / FT2
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Other style nos. available: please consult our complete list of UL approved styles (pages 92 to 96)
Further information concerning conducting metal: please consult our complete list of UL approved styles (pages 92 to 96)
■ UL approved only



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