

# SILICOU<sup>®</sup> 15 kV

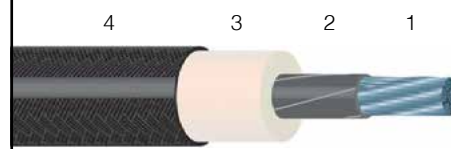
- 15,200 V
- Operating temp. -60°C to +180°C
- High flexibility (finely stranded conductor)
- Good resistance to thermal shock
- Excellent mechanical strength

**Construction**

- 1- Stranded tin plated copper conductor (other AWG sizes available on request)
- 2- Separating tape
- 3- Extruded silicone rubber insulation
- 4- Silicone coated reinforcing synthetic braid

**Approvals - standards**

- Compliance UL (180 °C / 15,000 V) file E101965
- Compliance cUL (CSA 200 °C / 15,000 V) as per GTO-15 and standard C22.2 N° 127 file E211350
- RoHS Compliant



Use: Appliance wiring material, lead wire or cable for engines, electrical motors and other rotating and static machines

**Standard products**

Standard insulation color: white  
Standard reinforcing braid color: grey



Other options available  
please consult our dedicated datasheet: SILICOU<sup>®</sup> OPTIONS

Voltage		15,000 V			
UL		3664			
cUL		AWM I A/B			
Nominal cross-section (sq.mm)	Approximate AWG Size	Nominal stranding (Nb x mm)	Nominal OD (in)	Max DC Resistance at 20°C (Ω/mft)	Approx. linear weight (lbs/mft)
2.5	14	19 x .40	.417	2.304	78.0
4	12	32 x .40	.433	1.433	88.7
6	10	48 x .40	.465	.948	108
10	8	80 x .40	.516	.594	149
16	6	126 x .40	.559	.378	190
25	4	196 x .40	.618	.242	262
35	2	276 x .40	.677	.172	333
50	1	396 x .40	.744	.120	438
70	2/0	360 x .50	.839	.084	572
95	3/0	485 x .50	.913	.064	719
120	4/0	608 x .50	.992	.050	902
150	300 MCM	756 x .50	1.098	.04	1,104
185	350 MCM	944 x .50	1.154	.033	1,352
240	500 MCM	1,221 x .50	1.303	.025	1,778
300	600 MCM	1,525 x .50	1.398	.020	2,172
400	750 MCM	2,037 x .50	1.559	.015	2,743
Flame ratings		Horizontal / FT1, FT2			

Other AWG sizes on request  
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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