

SILICOUL® 1.1 kV

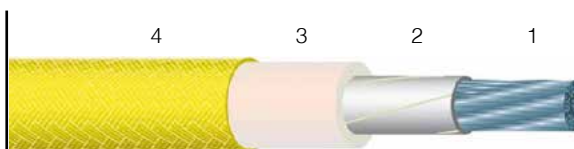
- 1,100 V
- Operating temp. -60°C to +180°C
- High flexibility (finely stranded conductor)
- Good resistance to thermal shock
- Excellent mechanical strength

Construction

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

Approvals - standards

- Compliance UL/cUL file E101965
- UL approval (180 °C / 1,100 V)
- cUL approval (CSA 180 °C / 1,000 V)
- 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: yellow



Other options available
please consult our dedicated datasheet: SILICOUL® OPTIONS

Voltage		1,100 V			
UL		3661			
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)
1.5	16	7 x .52	.150	3.719	15.9
2.5	14	19 x .40	.169	2.304	22.8
4	12	32 x .40	.193	1.433	32.9
6	10	48 x .40	.236	.948	47.4
10	8	80 x .40	.284	.594	78.6
16	6	126 x .40	.339	.378	116
25	4	196 x .40	.409	.242	180
35	2	276 x .40	.469	.172	241
50	1	396 x .40	.555	.120	345
70	2/0	360 x .50	.626	.084	463
95	3/0	485 x .50	.717	.064	609
120	4/0	608 x .50	.815	.050	784
150	300 MCM	756 x .50	.913	.04	959
185	350 MCM	944 x .50	.992	.033	1,219
240	500 MCM	1,221 x .50	1.150	.025	1,642
300	600 MCM	1,525 x .50	1.244	.020	2,025
400	750 MCM	2,037 x .50	1.362	.015	2,532
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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