

SILICOUL® 7.2 kV

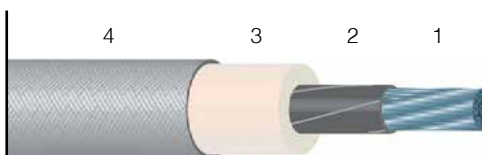
- 7,200 V
- Operating temp. -60°C to +180°C
- High flexibility (finely stranded conductor)
- Good resistance to thermal shock
- Excellent mechanical strength

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/cUL file E101965
- 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: SILICOUL® OPTIONS

Voltage		7,200 V			
UL		3663			
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	.303	2.304	45.8
4	12	32 x .40	.327	1.433	57.9
6	10	48 x .40	.362	.948	75.9
10	8	80 x .40	.409	.594	111
16	6	126 x .40	.457	.378	151
25	4	196 x .40	.516	.242	217
35	2	276 x .40	.575	.172	285
50	1	396 x .40	.658	.120	393
70	2/0	360 x .50	.721	.084	512
95	3/0	485 x .50	.823	.064	663
120	4/0	608 x .50	.906	.050	844
150	300 MCM	756 x .50	.996	.04	1,025
185	350 MCM	944 x .50	1.059	.033	1,276
240	500 MCM	1,221 x .50	1.209	.025	1,691
300	600 MCM	1,525 x .50	1.295	.020	2,071
400	750 MCM	2,037 x .50	1.465	.015	2,640
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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