

SILICOU[®] 4.2 kV

- 4,200 V
- Operating temp. -60°C to +180°C
- High flexibility (finely stranded conductor)
- Good resistance to thermal shock
- Excellent mechanical strength

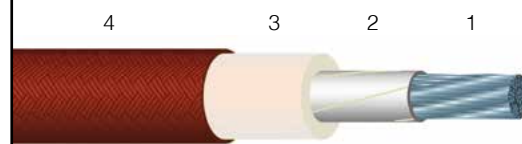
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Construction

- 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: brown



Other options available
please consult our dedicated datasheet: **SILICOU[®] OPTIONS**

Voltage		4,200 V			
UL		3662			
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	.248	2.304	34.7
4	12	32 x .40	.272	1.433	46.2
6	10	48 x .40	.307	.948	62.6
10	8	80 x .40	.354	.594	96.1
16	6	126 x .40	.402	.378	134
25	4	196 x .40	.465	.242	198
35	2	276 x .40	.520	.172	263
50	1	396 x .40	.602	.120	369
70	2/0	360 x .50	.669	.084	486
95	3/0	485 x .50	.795	.064	648
120	4/0	608 x .50	.874	.050	824
150	300 MCM	756 x .50	.961	.04	1,001
185	350 MCM	944 x .50	1.016	.033	1,244
240	500 MCM	1,221 x .50	1.165	.025	1,657
300	600 MCM	1,525 x .50	1.252	.020	2,033
400	750 MCM	2,037 x .50	1.406	.015	2,580
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



OMERIN USA, Inc. QS Technologies division
95 Research Parkway, Meriden,
Connecticut 06450
Phone: 203-237-2297
qstech@omerin.com

www.omerin.com

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