



SILICABLE® VW-1
Silicone multiconductor cables

- Operating temp. -60°C to +150°C & +200°C
- 600 V
- High flexibility
- Good resistance to thermal shock
- Enhanced fire performance

Construction

- 1 - Stranded or solid tin, silver, nickel plated or bare copper conductor (for 200°C version, tin plated or bare copper strands > .015 in)
 - 2 - Extruded silicone or fluoropolymer insulation
 - 3 - Extruded silicone outer jacket
- Optional shield:** consult us

Approvals - standards

- Compliance UL/cUL file E93624
- RoHS Compliant



Use: External or Internal wiring of appliances or electronic equipment

Standard products

Color coding = Insulated singles as per NEC NFPA 70
Outer jacket standard color: Brick red (Consult us for other colors)
Surface marking

Voltage		600 V									
Temperature		150°C					200°C				
Jacket		Silicone - Wall 45 mils									
Insulation		ETFE			Silicone		FEP			Silicone	
		Thin wall	Standard wall	Thin wall			Standard wall				
cUL		4389-E150-VW-1			4389-S150-VW-1		4389-F200-VW-1			4389-S200-VW-1	
cUL		AWM II A/B					AWM II A/B				
Nb of Singles	AWG Size	Nominal OD (in)	Nominal OD (in)	Approx. linear weight (lbs/mft)	Nominal OD (in)	Approx. linear weight (lbs/mft)	Nominal OD (in)	Nominal OD (in)	Approx. linear weight (lbs/mft)	Nominal OD (in)	Approx. linear weight (lbs/mft)
2	26	-	.169	15.1	.244	28.1	.165	.181	17.5	.244	28.1
3	26	-	.177	17.4	.260	32.4	.173	.189	20.1	.260	32.4
4	26	-	.189	20.2	.280	37.2	.185	.201	23.2	.280	37.2
5	26	-	.201	22.9	.299	41.9	.193	.217	27.0	.299	41.9
2	24	.158	.177	17.2	.260	32.2	.173	.193	20.4	.252	30.5
3	24	.165	.185	19.9	.276	37.1	.181	.205	24.3	.268	35.3
4	24	.173	.197	23.2	.295	42.5	.193	.217	28.0	.287	40.7
5	24	.185	.209	26.4	.323	49.9	.205	.232	32.5	.311	46.8
2	22	.169	.189	20.9	.272	36.6	.185	.201	23.6	.276	37.6
3	22	.177	.201	25.3	.287	42.5	.193	.213	28.4	.291	43.5
4	22	.189	.213	29.6	.311	50.0	.209	.224	33.0	.315	51.0
5	22	.201	.228	34.5	.339	58.4	.221	.244	39.3	.343	59.4
2	20	.193	.205	26.8	.284	42.5	.205	.221	30.5	.291	44.4
3	20	.205	.217	32.9	.299	50.1	.217	.232	37.3	.311	53.2
4	20	.217	.232	39.6	.327	60.4	.232	.248	44.5	.335	62.5
5	20	.232	.248	46.3	.354	70.5	.248	.268	52.6	.366	73.9
2	18	.209	.228	35.7	.307	52.7	.228	.244	40.0	.299	50.7
3	18	.221	.240	44.3	.327	63.9	.240	.260	50.3	.319	61.8
4	18	.236	.260	54.4	.354	76.7	.260	.280	61.1	.343	73.3
5	18	.252	.280	64.4	.386	90.5	.280	.299	71.7	.374	86.9
Flame ratings		Horizontal, VW-1 / FT1, FT2									

Other number of singles and 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

® Registered trademark of the OMERIN Group. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN. The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force. For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.