



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				
AWG Size	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



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