



SILIFLON® VW-1

Fluoropolymer insulated wires

- Operating temp. -90°C to +150°C, +200°C, +250°C
- 300 V / 600 V
- Excellent chemical resistance
- Excellent mechanical strength
- Enhanced fire performance

Construction

- 1 - Stranded or solid tin, silver, nickel plated or bare copper conductor
- 2 - Extruded fluoropolymer insulation

Approvals - standards

- Compliance UL/cUL file E93624
- RoHS Compliant



Use: Internal wiring of appliances or electronic equipment

Standard products

- Color coding = single color, or 2-colors
- Surface marking

Voltage	300 V		600 V		300 V		600 V		600 V	
Temperature	150°C				200°C				250°C	
Insulation	FEP Standard wall		Thin wall ETFE		FEP Thick wall		FEP Thick wall		PFA Standard wall	
UL	1333-VW-1		10126-VW-1		1332-VW-1		1330-VW-1		1727-VW-1	
cUL	AWM I A/B				AWM I A/B				AWM I A/B	
AWG Size	Nominal OD (in)	Approx. linear weight (lbs/mft)	Nominal OD (in)	Approx. linear weight (lbs/mft)	Nominal OD (in)	Approx. linear weight (lbs/mft)	Nominal OD (in)	Approx. linear weight (lbs/mft)	Nominal OD (in)	Approx. linear weight (lbs/mft)
30	.037	1.6	.032	1.2	.037	1.6	.051	2.5	.051	2.5
28	.041	2.1	.035	1.7	.041	2.1	.055	3.1	.055	3.1
26	.045	2.7	.041	2.3	.045	2.7	.059	3.8	.059	3.8
24	.051	3.7	.045	3.1	.051	3.7	.065	4.9	.065	4.9
22	.055	5.3	.051	4.8	.057	5.5	.073	7.0	.071	6.8
20	.065	8.4	.059	7.7	.067	8.6	.079	9.9	.079	9.9
18	.075	12.6	.071	11.9	.075	12.6	.089	14.3	.087	14.0
16	.087	18.0	.079	16.7	.083	17.5	.098	19.6	.097	19.3
14	.100	28.8	.095	27.6	.106	29.7	.118	31.6	.112	30.6
12	.122	43.7	.126	43.5	.126	44.4	.134	45.9	.134	45.9
10	.146	65.4	.161	67.4	.154	67.2	.158	68.1	.165	69.9
8	-	-	.213	116	-	-	.209	118	.224	123
6	-	-	.260	182	-	-	.268	189	.268	189
4	-	-	.307	308	-	-	.315	316	.315	316
2	-	-	.394	487	-	-	.362	476	.378	484
1	-	-	.433	656	-	-	.441	667	.441	667
1/0	-	-	.492	823	-	-	.492	832	.492	832
2/0	-	-	.551	1,038	-	-	.551	1,049	.551	1,049
3/0	-	-	.598	1,270	-	-	.598	1,280	.598	1,280
4/0	-	-	.661	1,555	-	-	.661	1,568	.661	1,568

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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