



SILIFLON® 150°C
 Fluoropolymer insulated wires

- Operating temp. -90°C to +150°C
- 300 V / 600 V / 1,000 V
- Excellent chemical resistance
- Excellent mechanical strength

Construction

- 1 - Stranded or solid tin plated or bare copper conductor (other material available on request)
- 2 - Extruded fluoropolymer insulation

Approvals - standards

- Compliance UL/cUL file E93624
- Compliance CSA MC 177410 for 300V and standard wall 600V styles
- RoHS Compliant



VW-1 version available
 please consult our dedicated datasheet: SILIFLON® VW-1



Use: Internal wiring of appliances or electronic equipment

Standard products

- Color coding = single color (including translucent)
- Surface marking

Voltage		300 V				600 V				1,000 V	
Insulation		ETFE Thin wall		ETFE Standard wall		ETFE Ultra-Thin wall		ETFE Standard wall		ETFE Standard wall	
UL		10125 / 10358		1643		10210		1644		10358	
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	.024	.9	.037	1.6	-	-	.051	2.2	.051	2.2	
28	.028	1.3	.041	2.1	-	-	.055	2.7	.055	2.7	
26	.030	1.8	.045	2.7	-	-	.059	3.4	.059	3.4	
24	.035	2.6	.051	3.7	.035	2.6	.065	4.4	.065	4.4	
22	.041	4.2	.055	5.3	.041	4.2	.071	6.3	.071	6.3	
20	.051	7.1	.065	8.4	.053	7.3	.079	9.3	.079	9.3	
18	.061	11.1	.075	12.6	.061	11.1	.089	13.6	.089	13.6	
16	.075	16.3	.087	18.0	.075	16.3	.098	18.8	.098	18.8	
14	.089	26.9	.100	28.8	.089	26.9	.112	29.8	.112	29.8	
12	.114	41.8	.122	43.7	.114	41.8	.128	43.8	.130	44.1	
10	.142	63.8	.146	65.4	.142	63.8	.161	67.4	.161	67.4	
8	.213	116	.209	115	-	-	.221	118	.213	116	
6	.260	182	.248	179	-	-	.268	185	.268	185	
4	.307	308	.291	303	-	-	.315	311	.315	311	
2	.394	487	.366	474	-	-	.378	479	.378	479	
1	.433	656	.421	649	-	-	.441	660	.441	660	
1/0	.492	823	.461	805	-	-	.492	823	.492	823	
2/0	.551	1,038	.504	1,008	-	-	.575	1,054	.551	1,038	
3/0	.598	1,270	.567	1,247	-	-	.598	1,270	.598	1,270	
4/0	.661	1,555	.630	1,530	-	-	.661	1,555	.661	1,555	

Flame ratings: Horizontal / FT1, FT2

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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