



SILIFLON® 250°C
 Fluoropolymer insulated wires

- Operating temp. -90°C to +250°C
- 150 V / 300 V / 600 V / 1,000 V
- Excellent chemical resistance
- Excellent mechanical strength

Construction

- 1 - Stranded or solid nickel plated conductor (class 27 nickel plated or pure nickel on request)
- 2 - Extruded fluoropolymer insulation

Approvals - standards

- Compliance UL/cUL file E93624
- RoHS Compliant



VW-1 version available
 please consult our dedicated datasheet: SILIFLON® VW-1 (Style 1727)



Use: Internal wiring of appliances or electronic equipment

Standard products

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

Voltage	150 V		300 V				600 V		1,000 V	
Insulation	PFA Standard wall		PFA Standard wall		PFA Standard wall		PFA Thin wall		PFA Thin wall	
UL	1882		10486		1726		10362		10371	
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	.032	1.3	.030	1.2	.037	1.6	.032	1.3	.051	2.5
28	.035	1.8	.034	1.7	.041	2.1	.035	1.8	.055	3.1
26	.039	2.3	.037	2.2	.045	2.7	.039	2.3	.059	3.8
24	.043	3.2	.043	3.2	.051	3.7	.043	3.2	.065	4.9
22	.049	4.8	.047	4.7	.057	5.5	.049	4.8	.071	6.8
20	.059	7.9	.059	7.9	.065	8.4	.059	7.9	.079	9.9
18	.071	12.2	.069	12.0	.075	12.6	.071	12.2	.087	14.0
16	.079	17.0	.079	17.0	.087	18.0	.079	17.0	.097	19.3
14	-	-	.091	27.4	.102	29.1	.095	28.0	.110	30.3
12	-	-	.110	41.7	.126	44.4	.114	42.3	.134	45.9
10	-	-	.142	64.6	.154	67.2	.142	64.6	.165	69.9
8	-	-	-	-	.205	116	.228	124	.224	123
6	-	-	-	-	.248	182	-	-	.268	189
4	-	-	-	-	.315	316	-	-	.315	316
2	-	-	-	-	.378	484	-	-	.378	484
1	-	-	-	-	.441	667	-	-	.441	667
1/0	-	-	-	-	.492	832	-	-	.492	832
2/0	-	-	-	-	.551	1,049	-	-	.551	1,049
3/0	-	-	-	-	.598	1,280	-	-	.598	1,280
4/0	-	-	-	-	.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