



PLASTHERM® 80°C

PVC insulated wires

- Operating temp. -30°C to +80°C
- 300 V / 600 V / 1,000 V
- Good chemical resistance

Construction

- 1 - Stranded or solid tin plated or bare copper conductor (other material available on request)
- 2 - Extruded PVC 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		1,000 V	
UL	1007 / 1581		1011		1030	
cUL	-		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)
30	.043	1.5	.073	3.1	.073	3.1
28	.045	1.9	.075	3.6	.075	3.6
26	.049	2.4	.083	4.5	.083	4.5
24	.055	3.4	.087	5.5	.087	5.5
22	.059	4.9	.091	7.2	.091	7.2
20	.069	8.0	.102	10.7	.102	10.7
18	.079	12.1	.110	14.9	.110	14.9
16	.091	17.2	.118	20.0	.118	20.0
14	.106	28.2	.136	31.6	.136	31.6
12	.126	42.5	.154	46.2	.154	46.2
10	.150	63.9	.177	68.2	.177	68.2
8	-	-	.244	120	-	-
6	-	-	.323	196	-	-
4	-	-	.378	327	-	-
2	-	-	.433	495	-	-
1	-	-	.512	684	-	-
1/0	-	-	.575	855	-	-
2/0	-	-	.638	1,075	-	-
3/0	-	-	.693	1,315	-	-
4/0	-	-	.752	1,600	-	-
Flame ratings	Horizontal		Horizontal / FT1			

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



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