



# PLASTHERM® 105°C

PVC insulated wires

- Operating temp. -30°C to +105°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	1569 / 10198		1015		10269	
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	2.3	.083	4.5	.083	4.5
24	.055	3.4	.087	5.5	.087	5.5
22	.063	5.2	.091	7.2	.091	7.2
20	.071	8.1	.102	10.7	.098	10.3
18	.081	12.2	.110	14.9	.110	14.9
16	.091	17.2	.118	20.0	.122	20.4
14	.106	28.2	.136	31.6	.138	31.9
12	.126	42.5	.154	46.2	.154	46.2
10	.150	63.9	.177	68.2	.177	68.2
8	.217	114	.244	120	.244	120
6	.272	181	.323	196	.323	196
4	.319	308	.378	327	.378	327
2	.381	475	.437	496	.437	496
1	.449	655	.512	684	.512	684
1/0	.492	813	.575	855	.575	855
2/0	.555	1,028	.638	1,075	.638	1,075
3/0	.618	1,268	.693	1,315	.693	1,315
4/0	.681	1,552	.752	1,600	.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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