

PVC INSULATED SINGLE CORE FLEXIBLE WIRE

UL1007 HOOK UP WIRE



CONDUCTOR

Tinned or Bare, Stranded or Solid Copper, range from 32 AWG to 16 AWG.

INSULATION

Color-Coded Lead Free/RoHS* PVC
 Passes UL VW-1 & CSA FT1 vertical flame test.
 Uniform insulation thickness of wire to ensure easy stripping and cutting.
 Resistant to acids, alkalis, oils, moisture and fungi.

INSULATION COLOR

Black, Blue, Brown, Green, Green/Yellow, Grey, Orange, Red, Violet, White, Yellow

VOLTAGE RATING

300V

TEMPERATURE RATING

80°C

STANDARDS

UL 758, 1581
 CSA C22.2 NO.210.2

APPLICATION

For general purpose internal wiring of electronic and electrical equipment, where exposed to oil at a temperature not exceeding 60°C or 80°C.

Conductor Type	Conductor			Insulation		Max Resistance At 20°C	Min Insulation Resistance At 20°C	Dielectric Strength AC 1min	Standard Length
	Spec	No. of Strands / Diameter of Wire	Nominal Diameter	Nominal Thickness	Nominal Diameter				
	AWG	No./mm	mm	mm	mm				
Stranded	30	7/0.100	0.300	0.41	1.12	354.24	15	1500	2000 (610)
Stranded	28	7/0.127	0.380	0.41	1.20	223.75	15	1500	2000 (610)
Stranded	26	7/0.160	0.380	0.41	1.30	136.73	15	1500	2000 (610)
Stranded	24	11/0.160	0.610	0.41	1.43	93.30	15	1500	2000 (610)
Stranded	22	17/0.160	0.760	0.41	1.58	55.00	15	1500	2000 (610)
Stranded	20	26/0.160	0.940	0.41	1.76	34.60	15	1500	2000 (610)
Stranded	18	41/0.160	1.180	0.41	2.05	21.80	15	1500	2000 (610)
Stranded	16	26/0.254	1.490	0.41	2.31	13.70	15	1500	2000 (610)
Solid	28	1/0.320	0.320	0.41	1.14	227.39	15	1500	2000 (610)
Solid	26	1/0.404	0.404	0.41	1.22	142.79	15	1500	2000 (610)
Solid	24	1/0.511	0.511	0.41	1.33	89.39	15	1500	2000 (610)
Solid	22	1/0.643	0.643	0.41	1.46	54.30	15	1500	2000 (610)
Solid	20	1/0.813	0.813	0.41	1.63	33.90	15	1500	2000 (610)
Solid	18	1/1.024	1.024	0.41	1.84	21.40	15	1500	2000 (610)
Solid	16	1/1.290	1.290	0.41	2.11	13.50	15	1500	2000 (610)
Overall Tinned	26	7/0.160	0.480	0.41	1.30	139.73	15	1500	2000 (610)
Overall Tinned	24	7/0.203	0.610	0.41	1.43	86.00	15	1500	2000 (610)
Overall Tinned	22	7/0.254	0.760	0.41	1.58	54.80	15	1500	2000 (610)
Overall Tinned	20	7/0.321	0.960	0.41	1.78	34.20	15	1500	2000 (610)
Overall Tinned	18	7/0.404	1.210	0.41	2.03	23.20	15	1500	2000 (610)

RoHS DIRECTIVE RESULTS

Cd Content <5ppm, Pb Content <90ppm, Hg Content <100ppm, Cr6+ Content <100ppm, PBB & PBDE not detected