

# PVC INSULATED SINGLE CORE FLEXIBLE WIRE

## UL1015 HOOK UP WIRE



### CONDUCTOR

Tinned or Bare, Stranded or Solid copper, 30 AWG Min.

### VOLTAGE RATING

600V

### 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.

### TEMPERATURE RATING

105°C

### STANDARDS

UL 758, 1581  
 CSA C22.2 NO.210.2

### INSULATION COLOR

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

### 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	0.79	1.88	354.24	15	1500	2000 (610)
Stranded	28	7/0.127	0.380	0.79	1.96	223.75	15	1500	2000 (610)
Stranded	26	7/0.160	0.480	0.79	2.06	139.73	15	1500	2000 (610)
Stranded	24	11/0.160	0.610	0.79	2.19	93.30	15	1500	2000 (610)
Stranded	22	17/0.160	0.760	0.79	2.34	55.00	15	1500	2000 (610)
Stranded	20	26/0.160	0.940	0.79	2.52	34.60	15	1500	2000 (610)
Stranded	18	41/0.160	1.180	0.79	2.76	21.80	15	1500	2000 (610)
Stranded	16	26/0.254	1.490	0.79	3.07	13.70	15	1500	1000 (305)
Stranded	14	41/0.254	1.880	0.79	3.46	8.62	15	1500	1000 (305)
Stranded	12	65/0.254	2.370	0.79	3.95	5.43	15	1500	1000 (305)
Stranded	10	105/0.254	3.400	0.79	4.98	3.41	15	1500	1000 (305)
Stranded	10	49/0.370	3.380	0.79	4.96	3.41	15	1500	1000 (305)
Stranded	8	168/0.254	4.300	1.15	6.60	2.16	15	1500	328 (100)
Solid	28	1/0.320	0.320	0.79	1.90	227.39	15	1500	2000 (610)
Solid	26	1/0.404	0.404	0.79	1.98	142.79	15	1500	2000 (610)
Solid	24	1/0.511	0.511	0.79	2.09	89.39	15	1500	2000 (610)
Solid	22	1/0.643	0.643	0.79	2.22	54.30	15	1500	2000 (610)
Solid	20	1/0.813	0.813	0.79	2.39	33.90	15	1500	2000 (610)
Solid	18	1/1.024	1.024	0.79	2.60	21.40	15	1500	2000 (610)
Solid	16	1/1.290	1.290	0.79	2.87	13.50	15	1500	2000 (610)

### RoHS DIRECTIVE RESULTS

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