

# PVC INSULATED SINGLE CORE FLEXIBLE WIRE

## UL1571 HOOK UP WIRE



### CONDUCTOR

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

### VOLTAGE RATING

30V

### 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

80°C

### STANDARDS

UL 758, 1581  
 CSA C22.2 NO.210.2

### INSULATION COLOR

Black; Other colors on request

### APPLICATION

For general purpose internal wiring of electronic and electrical equipment.

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	0.20	0.70	354.24	10	500	2000 (610)
Stranded	28	7/0.127	0.380	0.25	0.88	223.75	10	500	2000 (610)
Stranded	26	7/0.160	0.480	0.25	0.98	136.73	10	500	2000 (610)
Stranded	24	11/0.160	0.610	0.25	1.11	93.30	10	500	2000 (610)
Stranded	22	17/0.160	0.760	0.30	1.36	55.00	10	500	2000 (610)
Stranded	20	26/0.160	0.940	0.35	1.64	34.60	10	500	2000 (610)
Solid	28	1/0.32	0.320	0.25	0.82	227.39	10	500	2000 (610)
Solid	26	1/0.404	0.404	0.25	0.90	142.79	10	500	2000 (610)
Solid	24	1/0.511	0.511	0.25	1.01	89.39	10	500	2000 (610)
Solid	22	1/0.643	0.643	0.30	1.24	54.30	10	500	2000 (610)
Solid	20	1/1.813	0.813	0.35	1.51	33.90	10	500	2000 (610)

### RoHS DIRECTIVE RESULTS

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