

XLPVC INSULATED SINGLE CORE FLEXIBLE WIRE

UL1430 HOOK UP WIRE



CONDUCTOR

Tinned or Bare, Stranded or Solid Copper, range from 30AWG to 16AWG.

INSULATION

Lead Free/RoHS* XLPVC (irradiated).
 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; Other colors on request

VOLTAGE RATING

300V

TEMPERATURE RATING

105°C

STANDARDS

UL 758, 1581
 CSA C22.2 NO.127

APPLICATION

For general purpose internal wiring of electronic and electrical equipment, such as: wiring of dryers, toasters, transformers.

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	20	2000	2000 (610)
Stranded	28	7/0.127	0.380	0.41	1.20	223.75	20	2000	2000 (610)
Stranded	26	7/0.160	0.380	0.41	1.30	136.73	20	2000	2000 (610)
Stranded	24	11/0.160	0.610	0.41	1.43	93.30	20	2000	2000 (610)
Stranded	22	17/0.160	0.760	0.41	1.58	55.00	20	2000	2000 (610)
Stranded	20	26/0.160	0.940	0.41	1.76	34.60	20	2000	2000 (610)
Stranded	18	41/0.160	1.180	0.41	2.00	21.80	20	2000	2000 (610)
Stranded	16	26/0.254	1.490	0.41	2.31	13.70	20	2000	2000 (610)
Solid	26	1/0.404	0.404	0.41	1.22	142.79	20	2000	2000 (610)
Solid	24	1/0.511	0.511	0.41	1.33	89.39	20	2000	2000 (610)
Solid	22	1/0.643	0.643	0.41	1.46	54.30	20	2000	2000 (610)
Solid	20	1/0.813	0.813	0.41	1.63	33.90	20	2000	2000 (610)
Solid	18	1/1.024	1.024	0.41	1.84	21.40	20	2000	2000 (610)
Overall Tinned	26	7/0.160	0.480	0.41	1.30	139.73	20	2000	2000 (610)
Overall Tinned	24	7/0.203	0.610	0.41	1.43	86.00	20	2000	2000 (610)
Overall Tinned	22	7/0.254	0.760	0.41	1.58	54.80	20	2000	2000 (610)

RoHS DIRECTIVE RESULTS

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