

**UL 1015 FLEXIBLE HOOK-UP WIRE / APPLIANCE WIRE**

UL 1015/1032 Machine Tool Wire is built for reliable performance in control panels, industrial equipment, and electrical assemblies. Rated for 600V and up to 105°C, it features durable PVC insulation that resists moisture, oil, and abrasion. Available in a variety of sizes and constructions, it's a dependable choice for demanding industrial applications.



PRODUCT CODE
80C / 01D



VOLTAGE
600V/1000V



TEMP RANGE
-40 to +105C



APPLICATION
Hook-Up Wire

APPLICATIONS

Ideal for internal wiring of electrical and electronic equipment, appliances, and industrial control systems where flexibility and reliability are essential.

- Internal wiring of electrical equipment
- Appliances & OEM equipment
- Machine tool & automation wiring
- Control panels & control cabinets
- Industrial plant floor grounding
- Boat wiring per 33 CFR 183.425

CONSTRUCTION

Conductor	Bare or tinned annealed copper – solid or stranded
Insulation	Premium polyvinyl chloride (PVC)

STANDARDS & LISTINGS

ASTM B3, UL 758, AWM 1011/1015/1032/1335 (22-10AWG), UL 83, UL 1063, UL 1426 BC-5W2 (SIZES 16-10)

- UL MTW Flexing / AWM 105°C 600V – Style 1015
- Moisture 60°C & Oil 60°C Resistant – Style 1230
- 90°C 1000V – UL Style 1032
- CSA 105°C AWM / TEW
- -40°C Low Temperature
- UL VW-1 & CSA FT -1 Flame Test
- RoHS & REACH Compliant

KEY FEATURES

Flexible stranded or solid bare copper conductor insulated with flame-retardant PVC for dependable electrical and mechanical performance. Rated 600 volts with UL 1015 and MTW designations for internal equipment wiring and machine tool applications. Provides excellent abrasion, moisture, oil, chemical, and heat resistance for demanding industrial environments.

SPECIFICATIONS

Part Number	AWG Size	Conductor Strand	Nominal O.D.		Net Weight lbs/kft
			in	mm	
SOLID CONDUCTORS (TINNED CU)					
80C-2200	22	Solid	0.089	2.26	6
80C-2000	20	Solid	0.096	2.44	8
80C-1800	18	Solid	0.104	2.64	10
STRANDED CONDUCTORS (TINNED CU)					
80C-2407	24	7/32	0.088	2.24	5
80C-2207	22	7/30	0.094	2.39	6
80C-2010	20	10/30	0.102	2.59	8
80C-1816	18	16/30	0.112	2.84	10
80C-1626	16	26/30	0.124	3.15	15
80C-1441	14	41/30	0.141	3.58	20
80C-1265	12	65/30	0.16	4.06	29
80C-10105	10	105/30	0.184	4.67	45
STRANDED CONDUCTORS (BARE CU)					
01D-1801	18	16/30	0.107	2.72	10
01D-1601	16	26/30	0.117	2.97	15
01D-1401	14	41/30	0.133	3.38	20
01D-1201	12	65/30	0.153	3.89	29
01D-1001	10	105/30	0.189	4.8	45

COLOR CHART

 0 Black	 4 Yellow	 8 Grey
 1 Brown	 5 Green	 9 White
 2 Red	 6 Blue	 11 Tan
 3 Orange	 7 Violet	 12 Pink
 54 Green / Yellow		

AVAILABLE PUT-UPS

- Reels: 500, 1000, 2500, 5000, 10000 ft
- Drums & Half-Drums: 24 AWG – 10 AWG
- Custom put-ups available upon request



CALL SALES
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