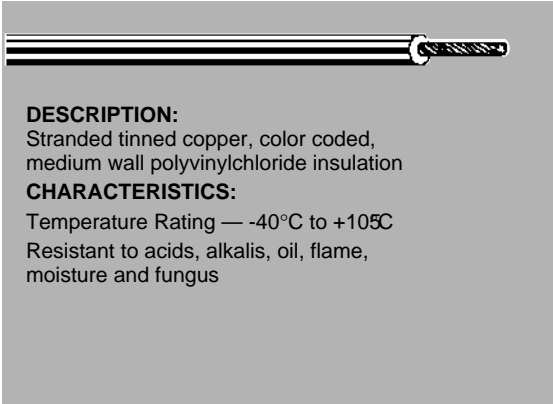




# Ⓢ HOOK-UP WIRE

**STYLE 1007/STYLE 1569 105°C**  
**300 VOLTS 80°C VW-1, AWM**

**Ⓢ CSA STYLE TR-64 & MIL-W-76B**  
**1000 VOLTS**



OLYMPIC NO.	CONDUCTOR SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. O.D.
348	28	7/36	.016"	.047"
349	26	7/34	.016"	.051"
350	24	7/32	.016"	.057"
351	22	7/30	.016"	.065"
353	20	10/30	.016"	.071"
355	18	16/30	.016"	.080"
357	16	26/30	.016"	.095"
358	14	41/30	.016"	.110"

**DESCRIPTION:**

Stranded tinned copper, color coded, medium wall polyvinylchloride insulation

**CHARACTERISTICS:**

Temperature Rating — -40°C to +105°C  
 Resistant to acids, alkalis, oil, flame, moisture and fungus

**APPLIANCE WIRE (AWM) • MACHINE TOOL WIRE (MTW) • FIXTURE WIRE (TFF)**

**UL 90°C MTW • 105°C DRY 60°C WET AWM, VW-1 • 600 VOLTS**

**UL 60°C TFF or TW • UL 75°C WET or DRY THW • 105°C 1000 VOLTS AWM**



**DESCRIPTION:**

Stranded bare copper, PVC insulation

**RATINGS:**

18 & 16 AWG:

UL 600 volts, 90°C MTW, 60°C TFF, 105°C dry 60°C wet AWM (VW-1), 105°C & 90°C 1000 volts AWM

14, 12 & 10 AWG:

UL 600 volts, 90°C MTW, 60°C TW, 105°C dry 60°C wet AWM (VW-1), 105°C & 90°C 1000 volts AWM

8 AWG:

UL 600 volts, 90°C MTW, 60°C TW, 105°C dry 60°C wet, 105°C & 90°C 1000 volts AWM (VW-1)

6, 4 & 2 AWG:

UL 600 volts, 90°C MTW, 75°C THW, 60°C oil resistant II, 105°C dry 60°C wet, 105°C 1000 volts AWM (VW-1)

CONDUCTOR SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. O.D.	AWM
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**TYPE MTW 90°C/TFF 60°C/AWM 105°C/VW-1 • 600 VOLTS**

18	16/.0100	.030"	.108"	1015, 1032, 1230, 10269
16	26/.0100	.030"	.120"	1015, 1032, 1230, 10269

**TYPE MTW 90°C/TW 60°C/AWM 105°C/VW-1 • 600 VOLTS**

14	19/.0147	.030"	.132"	1015, 1032, 1230, 10269
12	19/.0185	.030"	.151"	1015, 1032, 1230, 10269
10	19/.0234	.030"	.174"	1015, 1032, 1230, 10269
8	19/.0295	.045"	.234"	1015, 1028, 1231, 10269

**TYPE MTW 90°C/THW 75°C/AWM 105°C/VW-1 • 600 VOLTS**

6	19/.0372	.060"	.301"	1015, 1283, 1232, 10269
4	19/.0469	.060"	.348"	1015, 1283, 1232, 10269
2	19/.0591	.060"	.407"	1015, 1283, 1232, 10269

**90°C TFN • 18 & 16 AWG • 600 VOLTS • Gasoline & Oil Resistant II • CSA TEWN 105°C**



**DESCRIPTION:**

CONDUCTOR: Solid bare, soft annealed copper

INSULATION: PVC

OVERALL JACKET: Clear nylon

**RATINGS:** (Cables conform to the following standards)

UL-1316, 105°C dry, 80°C in oil, 600 Volts  
 UL-1408, 90°C dry, 60°C wet or in oil, 600 Volts  
 UL-1452, 90°C dry, 80°C in oil, 1000 Volts  
 UL-1841, 105°C dry, 75°C wet, 80°C in oil, 600 Volts

SIZE (AWG)	STRANDS NO./O.D.	PVC INSUL. THICKNESS	NYLON JACKET THICKNESS	APPROX. OUTSIDE DIAMETER	AMPACITY†
18	Solid	.015"	.005"	.083"	6
16	Solid	.015"	.005"	.094"	8

† Allowable ampacity per Table 402-5 of the 1996 National Electrical Code (NFPA 70-1996)

## STYLE 1015/1230 or 1028 600 VOLTS 105°C CSA STYLE TEW MTW VW-1

**DESCRIPTION:**  
Stranded tinned copper, color coded polyvinylchloride insulation.

**CHARACTERISTICS:**  
Temperature Rating — 40°C to +105°C  
Resistant to acids, alkalis, oil, flame, moisture and fungus

**\*UL1283**

OLYMPIC NO.	CONDUCTOR SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. O.D.
360	24	7/32	.031"	.088"
361	22	7/30	.031"	.095"
362	20	10/30	.031"	.102"
363	18	16/30	.031"	.112"
364	16	26/30	.031"	.125"
365	14	41/30	.031"	.142"
366	12	65/30	.031"	.158"
367	10	105/30	.031"	.183"
368	8	133/29	.045"	.250"
*368/6	6	133/27	.062"	.335"

## STYLE 1061 - SEMI-RIGID PVC 300 VOLTS 80°C STYLE SR-PVC & MIL-W-16878 "B"

**DESCRIPTION:**  
Stranded tinned copper, color coded, semi-rigid polyvinylchloride insulation

**CHARACTERISTICS:**  
Temperature Rating — 10°C to +80°C, 300 volts in business machine or electronic computers only.

**APPLICATIONS:**  
Internal wiring of computers, electric book-keeping, accounting machines, and other office and control equipment.

OLYMPIC NO.	CONDUCTOR SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. O.D.
359	28	7/36	.009"	.035"
373	26	7/34	.009"	.039"
370	24	7/32	.009"	.044"
372	22	7/30	.009"	.050"
374	20	7/28	.009"	.057"
375	18	19/30	.009"	.066"
376	16	19/29	.009"	.078"
371	24	Solid	.009"	.043"
369	26	Solid	.009"	.038"

## STYLE 1422 - 1423 KYNAR® WIRE 105°C

**DESCRIPTION:**  
Solid, silver-plated, oxygen-free, high conductivity (OFHC) copper conductor, extruded Kynar® (Polyvinylidene fluoride) insulation.

**CHARACTERISTICS:**  
Operating temperature through 125° continuous (U.L. rated at 105°).  
Extremely tough; high cut-through resistance.  
Self-extinguishing; will not support combustion.  
Resistant to most chemicals and solvents.  
Excellent ultra-violet and weathering resistance.

**APPLICATIONS:**  
Designed for use in automatic wire wrapping equipment for applications in the computer and related industries.

OLYMPIC NO.	CONDUCTOR SIZE	NOM. WALL THICKNESS	NOM. O.D.	UL STYLE NO.
460	30	.0050"	.020"	1423
461	28	.0055"	.023"	1422
462	26	.0055"	.026"	1422
463	24	.0050"	.030"	1423

HOOK-UP WIRE COLOR CODE				
0-BLACK	3-ORANGE	6-LT. BLUE	9-WHITE	12-PINK
1-BROWN	4-YELLOW	7-VIOLET	10-DK. BLUE	
2-RED	5-GREEN	8-GREY	11-TAN	