



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



DESCRIPTION:

Stranded tinned copper, color coded,
medium wall PVC insulation

CHARACTERISTICS:

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

*UL 1569

OLYMPIC NO.	CONDUCTOR SIZE	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"

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 • CSA STYLE TEW
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)

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.	UL AWM STYLE
MTW 90°C/TFF 60°C/AWM 105°C/VW-1 • 600 VOLTS					
18MTW	18	16/.0100	.030"	.108"	1015, 1032, 1230, 10269
16MTW	16	26/.0100	.030"	.120"	1015, 1032, 1230, 10269
MTW 90°C/TW 60°C/AWM 105°C/VW-1 • 600 VOLTS					
14MTW	14	19/.0147	.030"	.132"	1015, 1032, 1230, 10269
12MTW	12	19/.0185	.030"	.151"	1015, 1032, 1230, 10269
10MTW	10	19/.0234	.030"	.174"	1015, 1032, 1230, 10269
8MTW	8	19/.0295	.045"	.234"	1015, 1028, 1231, 10269
MTW 90°C/THW 75°C/AWM 105°C/VW-1 • 600 VOLTS					
6MTW	6	19/.0372	.060"	.301"	1015, 1283, 1232, 10269
4MTW	4	19/.0469	.060"	.348"	1015, 1283, 1232, 10269
2MTW	2	19/.0591	.060"	.407"	1015, 1283, 1232, 10269

90°C TFN • 18 & 16 AWG • 600 VOLTS • Gas & Oil Resistant II • CSA TEWN, AWM 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

OLYMPIC NO.	SIZE (AWG)	STRANDS NO./O.D.	PVC INSUL. THICKNESS	NYLON JACKET THICKNESS	APPROX. OUTSIDE DIAMETER	AMPACITY†
18TFN	18	Solid	.016"	.005"	.083"	6
16TFN	16	Solid	.016"	.005"	.094"	8

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

RoHS Compliant