

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

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

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	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)