

# SINGLE CONDUCTOR HOOK-UP WIRE IRRADIATED PVC INSULATION

## HW7000 Series



- **Operating Temperature:**
  - 55 to 105°C (-67 to 221°F)
  - UL AWM 1430
  - 55 to 105°C (-67 to 221°F)
  - UL AWM 3317
  - 55 to 105°C (-67 to 221°F)
  - CSA AWM I
  - A/B FT1
  - 55 to 105°C (-67 to 221°F)
  - MIL-W-16878E
  - 55 to 80°C (-67 to 176°F)
  - UL AWM 1429
- 600V (MIL), 150V (UL, CSA)
- 1000V (MIL), 300V (UL, CSA)
- Stranded Tinned Copper Conductor
- 100 or 1000' Spools

A "tougher" version of PVC insulation, irradiated PVC (exposed to electron beam radiation) has better abrasion and cut resistance than ordinary PVC and can be used more readily in soldering applications.

### SPECIFICATIONS

- UL AWM Style 1429
- UL AWM Style 1430
- UL AWM Style 3317
- CSA AWM I A/B FT1
- CSA REW XLPVC FT1
- MIL-W-16878E, Type B
- MIL-W-16878E, Type C

### COLOR CHART

1	White	7	Brown
2	Black	8	Orange
3	Red	9	Gray
4	Green	10	Violet
5	Yellow	29	Yellow/Green
6	Blue		

### To Order Visit [omega.com/HW7000](http://omega.com/HW7000) for Pricing and Details

MIL-W16878E TYPE B: 105°C (221°F), 600V CSA AWM I A/B FT1: 105°C (221°F), 150V UL 1429: 80°C (176°F), 150V

MODEL NO.	AWG NO.	WIRE TYPE	INSULATION THICKNESS mm (inch)	NOMINAL OD mm (inch)
HW7053-(*)-(**)	26	7/34	0.25 (0.010)	1.02 (0.040)
HW7054-(*)-(**)	24	7/32	0.25 (0.010)	1.14 (0.045)
HW7054/19-(*)-(**)	24	19/36	0.25 (0.010)	1.14 (0.045)
HW7055-(*)-(**)	22	7/30	0.25 (0.010)	1.30 (0.051)
HW7055/19-(*)-(**)	22	19/34	0.25 (0.010)	1.32 (0.052)
HW7056-(*)-(**)	20	7/28	0.25 (0.010)	1.50 (0.059)
HW7056/19-(*)-(**)	20	19/32	0.25 (0.010)	1.52 (0.060)
HW7057-(*)-(**)	18	7/26	0.25 (0.010)	1.78 (0.070)
HW7057/19-(*)-(**)	18	19/30	0.25 (0.010)	1.78 (0.070)
HW7058/19(*)-(**)	16	19/29	0.25 (0.010)	1.98 (0.078)
MIL-W-16878E TYPE C: 105°C (221°F), 1000V UL 1430, CSA REW XLPVC: 105°C (221°F), 300V				
HW7130-(*)-(**)	24	7/32	0.41 (0.016)	1.42 (0.056)
HW7131-(*)-(**)	22	7/30	0.41 (0.016)	1.57 (0.062)
HW7132-(*)-(**)	20	7/28	0.41 (0.016)	1.78 (0.070)
HW7133-(*)-(**)	18	7/26	0.41 (0.016)	2.08 (0.082)
HW7134-(*)-(**)	16	19/29	0.41 (0.016)	2.34 (0.092)

\* Specify Color by entering color code from the chart. \*\* Specify Length "-100" or "-1000".

Ordering Example: HW7057-1-100, 30 m (100') spool of 18 stranded (19 x 30), irradiated PVC insulation hook up wire, white.  
HW7132-2-100, 30 m (100') spool of 20 stranded (7 x 28), irradiated PVC insulation hook up wire, black.