

BUILDING WIRE

**600 Volt UL 90°C
THHN/THWN-2
PVC/Nylon Insulation
Copper Conductor**



Catalog Number	Size AWG/kcmil	Number of Strands	PVC Insulation Thickness Mils	Nylon Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
SOFT DRAWN BARE COPPER - SOLID						
HW001 01401	14	Solid	15	4	0.11	15
HW001 01201	12	Solid	15	4	0.12	23
HW001 01001	10	Solid	20	4	0.15	37
SOFT DRAWN BARE COPPER - STRANDED						
HW001 01401	14	19	15	4	0.11	16
HW001 01201	12	19	15	4	0.13	24
HW001 01001	10	19	20	4	0.17	39
HW001 00801	8	19	30	5	0.22	63
HW001 00601	6	19	30	5	0.26	98
HW001 00401	4	19	40	6	0.33	157
HW001 00301	3	19	40	6	0.36	193
HW001 00201	2	19	40	6	0.39	240
HW001 00101	1	19	50	7	0.43	300
HW001 10101	1/0	19	50	7	0.47	376
HW001 20101	2/0	19	50	7	0.52	467
HW001 30101	3/0	19	50	7	0.57	581
HW001 40101	4/0	19	50	7	0.64	724
HW001 25001	250	37	60	8	0.69	855
HW001 30001	300	37	60	8	0.76	1022
HW001 35001	350	37	60	8	0.79	1191
HW001 40001	400	37	60	8	0.85	1345
HW001 50001	500	37	60	8	0.94	1668
HW001 60001	600	61	70	9	1.10	1994
HW001 75001	750	61	70	9	1.16	2465
HW001 10001	1000	61	70	9	1.32	3300

APPLICATION:

For use in general wiring applications for power, lighting, and control circuits. It can be used in conduit, ducts, and cable tray when CT rated for service feeders and branch circuits in industrial and commercial installations. Maximum conductor temperature of 90°C in wet and dry locations. For use in oil or coolants at conductor temperatures not exceeding 75°C. Chemical, gasoline, and oil resistant II.

CONDUCTOR:

- Solid bare, annealed copper per ASTM B3
- Stranded bare annealed copper per ASTM B3 and ASTM B8. 14, 12, 10, and 8 AWG and ASTM B8 for sizes 6 AWG and larger.

INSULATION:

Heat, moisture, and flame retardant PVC per UL Standard 83 and UL Standard 1063.

JACKET:

Clear Nylon per UL Standard 62

FLAME TEST:

- UL 1685 – for CT listed 1/0 AWG and larger
- 14 AWG – 750 kcmil are VW-1 rated

ADDITIONAL STANDARDS:

- Federal Specification CID A-A-59544
- UL 1063 (Type MTW for stranded items)
- RoHS Compliant

NOTE:

- CT rated on sizes 1/0 AWG and larger