

**BUILDING WIRE**

**600 Volt UL 90°C  
RHW-2 or RHH or USE-2  
FR-XLP Insulation  
Copper Conductor**



Catalog Number	Size AWG/kcmil	Number of Strands	Insulation Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW003 01401	14	7	45	0.17	22
HW003 01201	12	7	45	0.19	32
HW003 01001	10	7	45	0.21	57
HW003 00801	8	7	60	0.27	71
HW003 00601	6	7	60	0.37	105
HW003 00401	4	7	60	0.36	155
HW003 00201	2	7	60	0.42	240
HW003 00101	1	19	80	0.49	310
HW003 10101	1/0	19	80	0.53	380
HW003 20101	2/0	19	80	0.58	470
HW003 30101	3/0	19	80	0.63	585
HW003 40101	4/0	19	80	0.69	730
HW003 25001	250	37	95	0.76	870
HW003 35001	350	37	95	0.86	1190
HW003 50001	500	37	95	0.99	1670
HW003 60001	600	61	110	1.11	2034
HW003 75001	750	61	110	1.20	2500
HW003 10001	1000	61	110	1.35	3290

**APPLICATION:**

For use in harsh environments for general wiring applications for lighting and power in conduits, ducts, cable tray when CT rated, direct burial or other approved raceways with maximum conductor temperature of 90°C in wet or dry locations. Chemical, gasoline and oil resistant.

**CONDUCTOR:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

**INSULATION:**

Flame-retardant cross-linked polyethylene (FR-XLP) per ICEA S-95-658, UL Standard 854 for Type USE-2 and UL Standard 44 for Types RHH and RHW-2.

**FLAME TESTS:**

- UL 1685 – for CT listed sizes 1/0 AWG and larger
- UL VW-1 available upon request

**ADDITIONAL STANDARDS:**

- NEMA WC-70
- Federal Specification J-C-30B

**NOTE:**

- CT rated on sizes 1/0 AWG and larger