



# UNITED COPPER INDUSTRIES

# THHN/THWN-2/MTW/T90

## PRODUCT INFORMATION

- ASTM - All applicable standards
- Underwriters Laboratories® Standards  
UL 83, UL 1063 (MTW), UL 758  
(AWM - Stranded only #14 through #6)
- T90 Nylon per C(UL) C22.2 No.75
- Federal Specification A-A59544
- National Electric Code requirements  
NFPA 70, NFPA-79 (AWM 600V, 105°C/75°C in oil)
- NEMA WC 70/ICEA S-95-658
- IEEE 1202 for CT rating 1/0 and larger
- RoHS Compliant and Lead Free
- VW-1- Sizes 14 through 1 AWG
- Sunlight resistance #8 and larger
- #8 and larger use SLK (Slick Wire) Technology.

PVC Insulation with Nylon Jacket



Solid or Stranded Soft-annealed Uncoated Copper

### WEIGHTS • MEASUREMENTS • PACKAGING

CONDUCTOR SIZE (AWG or MCM/KCMIL)	NO. OF STRANDS	PVC INSULATION THICKNESS (mils)	NYLON JACKET THICKNESS (mils)	NOMINAL OD (mils)	APPROXIMATE NET WEIGHT PER 1000 ft	STANDARD PACKAGING (ft)
14*	1	15	4	102	15	500/2500
12*	1	15	4	119	23	500/2500
10*	1	20	4	150	37	500/2500
14*	19	15	4	109	16	500/2500
12*	19	15	4	128	24	500/2500
10*	19	20	4	161	38	500/2500
8*	19	30	5	212	63	500/1000/2500/5000/SM 20,000*
6*	19	30	5	250	95	500/1000/2500/5000/SM 15,000
4	19	40	6	319	153	500/1000/2500/5000/SM 20,000
3	19	40	6	346	189	500/1000/2500/5000/SM 15,000
2	19	40	6	378	234	500/1000/2500/5000/SM 14,000
1	19	50	7	435	300	500/1000/2500/5000/SM 22,000
1/0	19	50	7	474	372	500/1000/2500/5000/SM 16,000
2/0	19	50	7	518	463	500/1000/2500/5000/SM 14,000
3/0	19	50	7	568	576	500/1000/2500/5000/SM 12,000
4/0	19	50	7	624	719	500/1000/2500/5000/SM 9,000
250	37	60	8	694	849	500/1000/2500/4000/5000/SM 8,500
300	37	60	8	747	1010	500/1000/2500/4000/5000/SM 7,000
350	37	60	8	797	1175	500/1000/2000/2500/3000/3500/5000/SM 6,000
400	37	60	8	842	1332	500/1000/2500/3000/SM 5,000
500	37	60	8	925	1652	500/1000/1500/2000/2500/3000/SM 4,000
600	61	70	9	1024	1990	500/1000/2000/2500/SM 3,000
750	61	70	9	1126	2468	500/1000/1800/2000

\* SM = Super Master Reels

Additional information available at [www.unitedcopper.com](http://www.unitedcopper.com).

## PREMIUM QUALITY BUILDING WIRE



UCI's Product Line Features:



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