

GET A QUOTE NOW!



THHN (Thermoplastic High Heat-resistant Nylon-coated wire) is a general purpose single conductor PVC-insulated wire with a nylon jacket. It's most commonly used in residential and commercial building applications. Its resistance to oil and heat (max temp of 194°F or 90°C) and max power capacity of 600 Volts makes it a suitable choice for machine tools, appliances, and control circuits. It is intended for installation in conduit or other recognized raceways and may be used in both wet and dry locations.

Construction:

Bare copper (BC) conductors,
Polyvinyl chloride (PVC) insulation,
and a Nylon outer jacket

Packaging Available:

Spools, Drums

Value-Added Services Available:

Respooling, Striping, Twisting

THHN Building Wire & TFFN Fixture Wire

TFFN (Thermoplastic Flexible Fixture Nylon-coated wire) is a general purpose fixture, appliance, and machine tool wire available in 18 AWG and 16 AWG only. It has a stranded conductor which makes it very flexible and is only suitable for dry conditions unless dual-rated as MTW.

TFN (Thermoplastic Fixture Nylon-coated wire) is a variation with solid conductor used in fixtures that do not require flexibility.



SELECT A GAUGE

IWC Part No.	AWG	Stranding	Nom. Insulation Thickness (in.)	O.D. (in.)	Weight (lbs/Mft)	UL AWM Style	Temperature Rating
<u>WMB-0119-X**</u>	1	19x.0664	0.05	0.435	299	THHN	90°C Dry, 75°C Wet
<u>WMB-0219-X**</u>	2	19x.0591	0.04	0.378	234	THHN	90°C Dry, 75°C Wet
<u>WMB-0419-X**</u>	4	19x.0469	0.04	0.318	152	THHN	90°C Dry, 75°C Wet
<u>WMB-0619-X**</u>	6	19x.0612	0.03	0.249	95	THHN	90°C Dry, 75°C Wet
<u>WMB-0745-X**</u>	1/0	19x.0745	0.05	0.474	372	THHN	90°C Dry, 75°C Wet
<u>WMB-0819-X**</u>	8	19x.0295	0.03	0.213	63	THHN	90°C Dry, 75°C Wet
<u>WMB-0822-X**</u>	250 MCM	37x.0822	0.06	0.678	851	THHN	90°C Dry, 75°C Wet
<u>WMB-0837-X**</u>	2/0	19x.0837	0.05	0.518	462	THHN	90°C Dry, 75°C Wet
<u>WMB-0900-X**</u>	300 MCM	37x.0900	0.06	0.73	1012	THHN	90°C Dry, 75°C Wet
<u>WMB-0940-X**</u>	3/0	19x.0940	0.05	0.568	575	THHN	90°C Dry, 75°C Wet
<u>WMB-0973-X**</u>	350 MCM	37x.0973	0.06	0.777	1174	THHN	90°C Dry, 75°C Wet
<u>WMB-1001-X**</u>	10	Solid	0.02	0.15	36	THHN	90°C Dry, 75°C Wet
<u>WMB-1019-X**</u>	10	19x.0234	0.02	0.161	38	THHN	90°C Dry, 75°C Wet
<u>WMB-1040-X**</u>	400 MCM	37x.1040	0.06	0.821	1334	THHN	90°C Dry, 75°C Wet
<u>WMB-1055-X**</u>	4/0	19x.1055	0.05	0.624	718	THHN	90°C Dry, 75°C Wet
<u>WMB-1162-X**</u>	500 MCM	37x.1162	0.06	0.902	1655	THHN	90°C Dry, 75°C Wet
<u>WMB-1201-X**</u>	12	Solid	0.015	0.119	23	THHN	90°C Dry, 75°C Wet
<u>WMB-1219-X**</u>	12	19x.0179	0.015	0.128	24	THHN	90°C Dry, 75°C Wet
<u>WMB-1401-X**</u>	14	Solid	0.015	0.102	15	THHN	90°C Dry, 75°C Wet
<u>WMB-1419-X**</u>	14	19x.0142	0.015	0.109	16	THHN	90°C Dry, 75°C Wet
<u>WMB-1626-X**</u>	16	26x.010	0.015	0.099	11	TFFN	90°C Dry
<u>WMB-1816-X**</u>	18	16x.010	0.015	0.085	7	TFFN	90°C Dry

**The "X" in the part number refers to the jacket color of the wire.

0: Black, 1: Brown, 2: Red, 3: Orange, 4: Yellow, 5: Green, 6: Blue, 7: Violet, 8: Gray, 9: White, PNK: Pink