



UL 1028, UL 1032, UL 1231 & UL 1344, UL 1232, UL 1283, UL 1284 & UL 10269



Polyvinylchloride (PVC)
Machine Tool Wire (MTW)
Bare Copper
(90°C MTW) (UL & CSA 105°C) (600 Volts) (VW-1 & Moisture Resistant)
* RoHS Available

APPLICATION Flexible MTW Wire

- Flexible MTW Bare Copper may be used for the wiring of machine tools, appliances, and control cabinets.

APPROVALS Flexible MTW Wire

- 6 AWG - 500 MCM also meets BC-5W2
- UL 10269: 1000 Volts, THHW
- 1 AWG - 500 MCM CT Rated
- 6 AWG - 4/0 is rated/printed SAE J1127, Type SGT

Specifications of UL 1028, UL 1032, UL 1231 & UL 1344, UL 1232, UL 1283, UL 1284, UL 10269

AWG Size	Conductor Stranding	Nom. Insul. Thick.(in)	Nom. O.D. (in)	UL Style
8	133/29	0.046	0.252	1028/1032/1231/1344
8	168/30	0.046	0.264	1028/1032/1231/1344
8	19/.0295	0.046	0.240	1028/1032/1231/1344
6	266/30	0.063	0.342	1232/1283/1346/10269
6	259/30	0.063	0.326	1232/1283/1346/10269
6	19/.0372	0.063	0.320	1232/1283/1346/10269
4	420/30	0.063	0.376	1232/1283/1346/10269
4	19/.0469	0.063	0.360	1232/1283/1346/10269
3	525/30	0.063	0.420	1232/1283/1346/10269
2	665/30	0.063	0.456	1232/1283/1346/10269
2	19/.0591	0.063	0.411	1232/1283/1346/10269
1	836/30	0.080	0.530	1232/1284/1346/10269
1/0	1045/30	0.080	0.574	1232/1284/1346/10269
2/0	1330/30	0.080	0.620	1232/1284/1346/10269
3/0	1672/30	0.080	0.680	1232/1284/1346/10269
4/0	2109/30	0.080	0.739	1232/1284/1346/10269
250	2527/30	0.100	0.835	1284/1339
350	3458/30	0.100	0.965	1284/1339
500	5054/30	0.100	1.130	1284/1339
750	7448/30	0.115	1.380	1284/1340