

# TEW Thermoplastic Equipment Wire 600v



Stranded or solid bare or tinned copper conductors, colour coded PVC insulation, -30° C to 105° C, 600 Volts.

Specifications and Compliance: CSA 22.2 No. 127- Equipment and lead wires, CSA C22.2 No. 210- Appliance wiring material products, UL 1063- Machine-Tool Wires and Cables, UL 758- Appliance Wiring Material.

Flame test compliances: FT1 and VM1

RW Item #	Conductor		Wall Thickness (inches)	Nominal O.D. (inches)	Total Weight (lbs/km)
	AWG Size	Stranding			
TEW20SL-XX	20	Solid	.030	.092	23
TEW18SL-XX	18	Solid	.030	.103	30
TEW16SL-XX	16	Solid	.030	.113	39
TEW14SL-XX	14	Solid	.030	.126	59
TEW12SL-XX	12	Solid	.030	.143	85
TEW10SL-XX	10	Solid	.030	.165	131
TEW24ST-XX	24	7	.030	.079	17
TEW22ST-XX	22	7	.030	.090	20
TEW20ST-XX	20	10	.030	.098	23
TEW18ST-XX-A	18	7	.030	.110	30
TEW18ST-XX	18	16	.030	.108	30
TEW16ST-XX-A	16	7	.030	.120	43
TEW16ST-XX	16	26	.030	.122	43
TEW14ST-XX-A	14	7	.030	.139	60
TEW14ST-XX	14	41	.030	.137	60
TEW12ST-XX-A	12	7	.030	.154	89
TEW12ST-XX	12	65	.030	.159	89
TEW10ST-XX-A	10	7	.030	.179	135
TEW10ST-XX	10	104	.030	.181	135
TEW08ST-XX-A	8	7	.045	.253	223
TEW08ST-XX	8	165	.045	.243	240
TEW06ST-XX-A	6	7	.060	.302	383
TEW06ST-XX	6	133	.060	.334	383
TEW06ST-XX-266	6	266	.060	.337	383
TEW04ST-XX	4	133	.060	.391	571
TEW04ST-XX-413	4	413	.060	.390	571
TEW02ST-XX	2	133	.060	.462	827
TEW02ST-XX-259	2	259	.060	.462	827
TEW02ST-XX-665	2	665	.060	.464	827

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RW Item #	Conductor		Wall Thickness (inches)	Nominal O.D. (inches)	Total Weight (lbs/km)
	AWG Size	Stranding			
TEW01ST-XX	1	133	.080	.544	1135
TEW01ST-XX-836	1	836	.080	.549	1135
TEW001ST-XX-133	1/0	133	.080	.578	1427
TEW001ST-XX-1064	1/0	1064	.080	.599	1427
TEW002ST-XX	2/0	1330	.080	.652	1755
TEW002ST-XX-133	2/0	133	.080	.640	1755
TEW003ST-XX	3/0	19	.080	.678	2093
TEW003ST-XX-1672	3/0	1672	.080	.712	2093
TEW004ST-XX	4/0	19	.080	.758	2578
TEW004ST-XX-2109	4/0	2109	.080	.750	2578

All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice

## Colour Coding

- Available in 9 standard colours

## Features

- 600v FTI Flame rated
- Available in, 300m and 1,500m spools
- Can be colour striped

## Application

### CSA TEW :

- Switch board panel
- For internal wiring of electrical equipment
- For leads of transformers, motors, etc.,
- For luminous-tube signs and ignition systems.
- For use in raceways for Class 1 circuits. Insulation: Polyvinyl chloride (PVC)
- CSA 22.2 No. 127- Equipment and lead wires

### CSA MTW:

- For internal wiring of appliances and other equipment, potentially subject to mechanical abuse Insulation
- Temperature Rating: -15° C to 105° C Dry, 60° C when exposed to water or oil Flame Rating
- CSA C22.2 No. 210- Appliance wiring material products