

## Equipment / Primary Wire TEW



### SPECIFICATIONS

SP FT1

UL1015

### APPLICATIONS

Electrical and  
Electronic Equipment

### CONSTRUCTION

**Conductor:** Stranded bare copper conductors

**Insulation:** Polyvinyl Chloride (PVC)

**Available Colours:** Black, white, red, green, yellow, blue, brown, orange, gray, and violet

**Temperature:** -30°C to 105°C

**Voltage:** 600V

**Option:** Custom striping are available upon request  
Tinned copper conductors

Basic Part Number	Conductor		Approx. Insulation Thickness (in.)	Approx. Diameter (in.)	Volt	Approx Weight (LB/MFT)	Part # Colour Code										
	AWG Size	Stranding					010	020	030	040	050	060	070	080	090	100	120
10002-02	22	7/30	0.030	0.092	600	6	Black	010	Yellow	070							
10005-03	20	10/30	0.030	0.100	600	7	White	020	Brown	080							
10005-04	18	16/30	0.030	0.109	600	10	Red	030	Grey	090							
10005-05	16	26/30	0.030	0.121	600	14	Blue	040	Purple	100							
10005-06	14	41/30	0.030	0.136	600	19	Green	050	Pink	120							
10005-07	12	65/30	0.030	0.156	600	27	Orange	060	Lt. Blue	140							
10005-08	10	104/30	0.030	0.181	600	43											
10005-10	8	168/30	0.030	0.243	600	68											

Add colour code to the basic part number  
e.g. 10005-08-010 is a 10AWG black TEW

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

## Equipment / Primary Wire GPT



Lead Free PVC

### SPECIFICATIONS

- Meets S.A.E. J1128
- Chrysler MS-3450
- Ford ESB-M1L56-A

### APPLICATIONS

- General Purpose Wire
- Surface Vehicle Electrical Systems

### CONSTRUCTION

**Conductor:** Stranded bare copper conductors

**Insulation:** Lead Free Polyvinyl Chloride (PVC)

**Temperature:** -40°C to 85°C

**Voltage:** 30V

**Feature:** Resistant to oil, flame and abrasion

**Options:** High temperature wire is available  
Tinned copper conductors available  
Other solid coloured and stripped outer jacket available upon request

Basic Part Number	Conductor		Approx. Insulation Thickness (in.)	Approx. Diameter (in.)	Approx Weight (LB/MFT)	Part # Colour Code			
	AWG Size	Stranding							
20012-05	18	16/30	0.023	0.092	7	Black	010	Yellow	070
20012-06	16	19/29	0.023	0.103	10	White	020	Brown	080
20012-07	14	19/27	0.023	0.117	16	Red	030	Grey	090
20012-08	12	19/25	0.026	0.142	24	Blue	040	Purple	100
						Orange	060	Lt. Blue	140

Add colour code to the basic part number  
e.g. 20012-08-010 is a 12AWG black GPT

*Note: All dimensions are nominal and are subject to normal manufacturing tolerance.  
Specifications are subject to change without prior notice*

## Colour Code Charts

Chart 1 <sup>A</sup>		Chart 2 <sup>B</sup>			
Conductors	Colour	Conductors	Colour	Conductors	Colour
2	Black, White	1	Black	12	Black/White
3	Black, White, Green	2	White	13	Red/White
4	Black, White, Red, Green	3	Red	14	Green/White
5	Black, White, Red, Orange, Green	4	Green	15	Blue/White
		5	Orange	16	Black/Red
		6	Blue	17	White/Red
		7	White/Black	18	Orange/Red
		8	Red/Black	19	Blue/Red
		9	Green/Black	20	Red/Green
		10	Orange/Black	21	Orange/Green
		11	Blue/Black		

A. Cords SJOOW, SOOW, SJTOW, STOW

B. Cords Multi-Conductor SOOW  
Note: Colours repeat after 21 conductors

Chart 3 <sup>C</sup>					
Conductors	Colour	Conductors	Colour	Conductors	Colour
1	Black	13	Blue/Red	25	Yellow/Orange
2	Red	14	Orange/Red	26	Brown/Orange
3	Blue	15	Yellow/Red	27	Black/Yellow
4	Orange	16	Brown/Red	28	Red/Yellow
5	Yellow	17	Black/Blue	29	Blue/Yellow
6	Brown	18	Red/Blue	30	Orange/Yellow
7	Red/Black	19	Orange/Blue	31	Brown/Yellow
8	Blue/Black	20	Yellow/Blue	32	Black/Brown
9	Orange/Black	21	Brown/Blue	33	Red/Brown
10	Yellow/Black	22	Black/Orange	34	Blue/Brown
11	Brown/Black	23	Red/Orange	35	Orange/Brown
12	Black/Red	24	Blue/Orange	36	Yellow/Brown

C. SDN (Small Diameter Flexible Control Cable)  
Note: This chart follows the ICEA Method 1 using solid colours with stripes