

## American Standard



TWP



### Technical data

- Temperature range: -40 °C to +80 °C (3000 hrs)

### Cable structure

- Conductors: bare copper
- Insulation: PVC

### Special properties

- Resistant to motor fluids, fuels
- Hydrolysis resistant
- Resistant to pressure at high temperatures
- High abrasion resistance
- Excellent electrical characteristics

### Standard

- SAE J1128

## Application

TWP single core wire is used for the wiring of the automotive application where there is requirement for the reduced diameter and the smaller weight.

AWG-no.	NO. Cores x Cross-sec. mm <sup>2</sup>	Conductor Diameter Max. mm	Outer Diameter Max. mm	Cable Weight kg/km
22	1 x 0.35	0.76	1.70	6
20	1 x 0.50	0.97	1.90	8
18	1 x 0.80	1.17	2.20	11
18	1 x 0.80	1.17	2.20	11
16	1 x 1.00	1.45	2.40	15
14	1 x 2.00	1.80	2.70	22
12	1 x 3.00	2.29	3.30	34
10	1 x 5.00	2.87	4.00	53
8*	1 x 8.00	4.06	4.90	85

\* for SAE J1128 application only

## American Standard



GPT



### Technical data

- Temperature range: -40 °C to +80 °C (3000 hrs)

### Cable structure

- Conductors: bare copper
- Insulation: PVC

### Special properties

- Resistant to motor fluids, fuels
- Hydrolysis resistant
- Resistant to pressure at high temperatures
- Excellent electrical characteristics

### Standard

- SAE J1128

### Application

GPT single core wire is used for the general circuit wiring of the automotive application.

AWG-no.	NO. Cores x Cross-sec. mm <sup>2</sup>	Conductor Diameter Max. mm	Outer Diameter Max. mm	Cable Weight kg/km
20	1 x 0.50	0.97	1.90	8
18	1 x 0.80	1.17	2.20	11
18	1 x 0.80	1.17	2.20	11
16	1 x 1.00	1.45	2.40	15
14	1 x 2.00	1.80	2.70	22
12	1 x 3.00	2.29	3.30	34
10	1 x 5.00	2.87	4.00	53