FLEXIBLE AUTOMOTIVE PRIMARY WIRE

80°C or 105°C. 60 Volts DC or 25 Volts AC. Flexible Stranded Bare Copper Conductor. PVC Insulation.



Images not to scale and for reference only. See Table 1 for Dimensions

CONSTRUCTION:

Conductors: Flexible stranded bare copper; See Table 1 for Stranding Details.
Insulation: Polyvinyl Chloride (PVC)
Colors: All Colors available; Stripes available upon request

APPLICATIONS AND FEATURES:

Per SAE J1128, these products are intended for use at a nominal system voltage of 60 V DC (25 V AC) or less in surface electrical systems. 600V or 1,000V products per SAE J1654 may be available on special order. Contact sales.
Tinned copper and other stranding configurations may also be available upon request. Contact sales.

SPECIFICATIONS:

- ASTM B3
- SAE J1128
- Ford ESF-M1L56-A (80°C wires)
- Chrysler MS-3450 (80°C wires)
- Ford ESF-M1L58-A (105°C wires)
- Chrysler MS-3450 (105°C wires)

FEATURES:

- Moisture Resistant
- Oil and Gasoline Resistant
- Abrasion Resistant

Voltage:

60V DC or 25V AC or less in surface vehicle electrical systems.
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TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	SAE Cond. Size (AWG)	Number of Strands	Nominal Insulation Thickness (inches)	Nominal OD (inches)	Nominal Weight (Lbs/Mft)
80°C Type GPT					
F20016	20	7	0.023	0.084	6
F18012	18	16	0.023	0.092	8
F16007	16	19	0.023	0.103	11
F14014	14	19	0.023	0.117	15
F12009	12	19	0.026	0.142	24
F10001	10	19	0.031	0.177	37
F08001	8	19	0.037	0.222	60
105°C Type GPT					
F20013	20	7	0.023	0.084	6
F18010	18	16	0.023	0.092	8
F16092	16	19	0.023	0.103	11
F14012	14	19	0.023	0.117	15
F12054	12	19	0.026	0.142	24
F10051	10	19	0.031	0.177	37
F08031	8	19	0.037	0.222	61

All dimensions are nominal and subject to nominal manufacturing tolerances

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