



PRODUCT DATA



Battery Cable

Prestolite manufactures a full assortment of standard wire and cable products for the automotive OEM, including primary wire, ABS cable and battery cable. However, we specialize in designing custom cable and wire set solutions to meet specific requirements for signal transmission, environmental concerns such as temperature or abrasion, and space constraints under the hood or in the chassis. Please contact us for information on any standard or custom product need.

Applications

Cars, trucks, tractors and off-road vehicles where heat, oil, and acid resistance are required.

- Ground Battery Cable
- Starter Battery Cable

Features

- Resistance to heat, oil, ozone, acid and other chemicals
- Good abrasion and cut-through resistance
- Excellent low temperature flexibility
- Rope lay stranded conductors provide strength and high degree of flexibility
- Rugged construction ensures long service life in harsh environments including vibration, dust, temperature extremes, oils and chemicals

Conductors

- Stranded bare copper; other strandings than those listed are available on special request

Separators

- Polyester film or paper; others available upon request

Color

- Standard colors are red and black; other colors available upon special request

Packaging

- Details and options available upon request



Battery Cable

S.A.E. J1127, Type SGX

Insulation

- Cross-linked polyolefin

Temperature Rating

- -40°C to 125°C

Voltage Rating

- Low voltage application

Features

- Very flexible

Ford Specifications ESB-M1L85-A, Chrysler Specification MS-5919, ISO 6722 Class C & D, S.A.E. J1654 also available.

Specifications

AWG	Stranding	Insulation Thickness (inches)	Nominal OD (inches)	Copper Weight (lbs per M ft.)
6	133 x 27	.060	.316	79.17
4	61 x 22	.065	.360	132.45
2	127 x 23	.065	.435	199.77
1	133 x 22	.065	.491	271.00
1/0	1064 x 30	.065	.531	328.15
2/0	1330 x 30	.065	.577	408.66
3/0	1672 x 30	.078	.675	524.79
4/0	2109 x 30	.078	.732	653.82

S.A.E. J1127, Type STX

Insulation

- Cross-linked polyolefin

Temperature Rating

- -40°C to 125°C

Voltage Rating

- Low voltage application

Features

- Very flexible

Ford Specifications ESB-M1L85-B, ISO 6722 Class C & D, S.A.E. J1654 also available.

Specifications

AWG	Stranding	Insulation Thickness (inches)	Nominal OD (inches)	Copper Weight (lbs per M ft.)
6	133 x 27	.043	.285	79.17
4	61 x 22	.044	.319	132.45
2	266 x 26	.044	.407	195.57
1	880 x .0098	.044	.441	257.02
1/0	127 x 21	.044	.460	319.52
2/0	127 x 20	.044	.521	402.15
3/0	1760 x .0098	.044	.612	517.95
4/0	2224 x .0098	.044	.694	653.18

Chrysler Specification MS-9502

Insulation

- Cross-linked polyolefin

Temperature Rating

- -40°C to 150°C

Voltage Rating

- Low voltage application

Features

- High temperature applications
- Excellent pinch and abrasion resistance
- Good fuel resistance

Specifications

AWG	Stranding	Insulation Thickness (inches)	Nominal OD (inches)
8	19	.022	.196
8F	133	.030	.230
6	37	.043	.305
6F	133	.030	.272
4	61	.044	.375
4F	133	.030	.324
2	133	.044	.433
2F	665	.030	.410



S.A.E. J1127, Type SGR

Insulation

- Prestel™ — a proprietary thermoset elastomer specifically compounded for durability, chemical resistance and flexibility in low temperatures

Temperature Rating

- -40°C to 125°C

Voltage Rating

- 600V

Features

- Good oil resistance
- High flexibility

Delphi Specifications M-1643, M-3770, Ford Specifications ESF-M1L6-A, ESF-M1L28-A, ESF-M1L34-A, ESF-M1L64-A, ESF-M1L65-A, EST-M1L118-A, Chrysler Specification MS-1864, S.A.E. J1654 also available.

Specifications

AWG	Stranding	Insulation Thickness (inches)	Nominal OD (inches)	Copper Weight (lbs per M ft.)
6	133 x 27	.060	.316	79.17
4	61 x 22	.065	.360	132.45
2	127 x 23	.065	.435	199.77
1	133 x 22	.065	.491	271.00
1/0	1064 x 30	.065	.531	328.15
2/0	1330 x 30	.065	.577	408.66
3/0	1672 x 30	.078	.675	524.79
4/0	2109 x 30	.078	.732	653.82

S.A.E. J1127, Type STR

Insulation

- Prestel™ — a proprietary thermoset elastomer specifically compounded for durability, chemical resistance and flexibility in low temperatures

Temperature Rating

- -40°C to 125°C

Voltage Rating

- 600V

Features

- Good oil resistance
- High flexibility

S.A.E. J1654 also available.

Specifications

AWG	Stranding	Insulation Thickness (inches)	Nominal OD (inches)	Copper Weight (lbs per M ft.)
6	133 x 27	.043	.285	79.17
4	61 x 22	.044	.319	132.45
2	266 x 26	.044	.407	195.57
1	880 x .0098	.044	.441	257.02
1/0	127 x 21	.044	.460	319.52
2/0	127 x 20	.044	.521	402.15
3/0	1760 x .0098	.044	.612	517.95
4/0	2224 x .0098	.044	.694	653.18

Chrysler Specification MS-9673

Insulation

- Cross-linked polyolefin

Voltage Rating

- Low voltage applications

Temperature Rating

- -40°C to 90°C

Features

- Good flexibility
- Acid resistant

Specifications

AWG	Stranding	Insulation Thickness (inches)	Nominal OD (inches)
8	133	.055	.285
6	133	.043	.305
4	133	.044	.375


**PRODUCT
DATA**

Battery Cable

Delphi Specification M-3774

Insulation

- High-temperature Prestosil (HTP™)

Temperature Rating

- -40°C to 200°C

Voltage Rating

- Low voltage applications

Features

- Increased flexibility

Specifications

AWG	Stranding	Insulation Thickness (inches)	Nominal OD (inches)	Copper Weight (lbs per M ft.)
4	133 x 25	.046	.347	132.45
2	266 x 26	.056	.436	195.57

Alternative constructions available upon request.



For Product Information, Quotations and Ordering

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