



## PVC Flexible Battery / Starter Cables

### Application

Low voltage single insulated battery / starter cable. Suitable for applications up to 60v, typically utilised in automotive and commercial applications.

### Conductor

Bare copper in accordance with BS EN 60228:2005

### Sheath

PVC

### Voltage rating

60v max DC

### Operating temperatures

Cores: -40°C to 105°C as per ISO 6722-1:2011 Class B  
Outer Sheathing: -30°C to 70°C

### Minimum bend radius

<6x OD

### BS softness

\*21-24

### Flame retardancy

Cores type tested, passed to IEC 60332-1-2

### Shore A hardness

\*87-89

### Cold flex temperature

\*-17 °C

### Tensile strength @ 500mm/min

\*14.4 MPa (IEC 811-1-1) varies

### Elongation at break @ 500mm/min

\*250% (IEC 811-1-1) varies

### Volume resistivity @ 23°C

\*1x10<sup>12</sup> ohm m

### Environmental statement

AMC take every action possible to ensure we are a sustainable, and environmentally aware manufacturer. **End of life care;** ensure that all cable product is disposed of inline with relevant WEEE Regulations.

| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Resistance Per Metre at 20°C (Ohms) | Sheath Colour | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|-------------------------------------|---------------|---------------------|
| 934     | 196/0.40                     | 25   | 9.7                           | 170.0                         | 0.0008                              | Black, Red    | 10, 30, 100         |
| 935     | 315/0.40                     | 40   | 12.2                          | 300.0                         | 0.0005                              | Black, Red    | 10, 30, 50          |
| 936     | 392/0.40                     | 50   | 13.3                          | 345.0                         | 0.0004                              | Black, Red    | 10, 30, 50          |
| 937     | 475/0.40                     | 60   | 14.6                          | 415.0                         | 0.0003                              | Black, Red    | 10, 30, 50          |

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on the application, condition and environmental factors. If in doubt, please consult a qualified electrician.

\* Indicates values of the sheathing not the finished cable.