



## PVC Battery / Extra Flexible Cables

### Application

Extra flexible sheathing to aid installation - 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

### Heat stability at 200°C

\*60 min (Congo Red Method)

### Flame retardancy

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

### Minimum bend radius

<6x OD

### BS softness

\*60-65

### Shore A hardness

\*64-66

### Tensile strength

\*7.3 MPa (BS2782: method 320A) varies

### Elongation at break

\*370% (BS2782: method 320A) varies

### 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)
PVC16	206/0.30	16	8.25	110.0	0.00126	Black, Red	10, 30, 100
PVC20	266/0.30	20	8.95	135.0	0.00096	Black, Red	10, 30, 100
PVC25	322/0.30	25	10.05	170.0	0.00077	Black, Red	10, 30, 100
PVC35	451/0.30	35	11.75	240.0	0.00056	Black, Red	10, 30, 100
PVC40	539/0.30	40	12.7	300.0	0.00050	Black, Red	10, 30, 50
PVC50	640/0.30	50	13.3	345.0	0.00039	Black, Red	10, 30, 50
PVC60	805/0.30	60	14.95	415.0	0.00033	Black, Red	10, 30, 50
PVC70	905/0.30	70	15.45	485.0	0.00029	Black, Red	10, 30, 50
PVC95	684/0.40	95	17.9	500.0	0.00020	Black, Red	10, 50
PVC120	888/0.40	120	19.7	600.0	0.00015	Black, Red	10, 50
PVC150	1184/0.40	150	22.35	700.0	0.00011	Black, Red	10, 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 compounds not the finished cable.