

## SEMI RIGID PVC BATTERY CABLE



Semloh Code	Nominal Conductor Area (mm <sup>2</sup> )	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Conductor Nominal Current Rating (Amps)
			Bulk	100m	50m	30m	10m		
BATR/15	15	37/0.71	■	■	■	■	■	8.0	105
BATR/25	25	37/0.9	■	■	■	■	■	9.7	170
BATR/40	40	61/0.9	■	■	■	■	■	11.8	300
BATR/60	60	61/1.13	■	■	■	■	■	13.8	415

A range of semi rigid battery cables, with denser, less flexible plain copper conductor stranding, and a PVC outer sheath, which is resistant to abrasion, moisture, petrol/diesel, oil and diluted acids. The working temperature range is -15°C to +70°C and the cable is available with either Black or Red outer PVC Sheath.

## FLEXIBLE PVC BATTERY CABLE



Semloh Code	Nominal Conductor Area (mm <sup>2</sup> )	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Conductor Nominal Current Rating (Amps)
			Bulk	100m	50m	30m	10m		
BAT/25	25	196/0.40	■	■	■	■	■	9.8	170
BAT/40	40	315/0.40	■	■	■	■	■	12.2	300
BAT/50	50	396/0.40	■	■	■	■	■	13.3	345
BAT/60	60	475/0.40	■	■	■	■	■	14.6	415

A range of flexible battery cables, with plain copper conductors and a PVC outer sheath, which is resistant to abrasion, moisture, petrol/diesel, oil and diluted acids. The working temperature range is -15°C to +70°C and the cable is available with either Black or Red outer PVC Sheath.

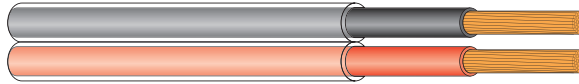
## EXTRA FLEXIBLE PVC BATTERY/WELDING CABLE



Semloh Code	Nominal Conductor Area (mm <sup>2</sup> )	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Conductor Nominal Current Rating (Amps)
			Bulk	100m	50m	30m	10m		
BATF/16	16	206/0.30	■	■	■	■	■	8.7	110
BATF/20	20	266/0.30	■	■	■	■	■	9.2	135
BATF/25	25	322/0.30	■	■	■	■	■	10.5	170
BATF/35	35	451/0.30	■	■	■	■	■	12.0	240
BATF/40	40	539/0.30	■	■	■	■	■	12.6	300
BATF/50	50	640/0.30	■	■	■	■	■	13.8	345
BATF/60	60	805/0.30	■	■	■	■	■	14.8	415
BATF/70	70	905/0.30	■	■	■	■	■	15.9	485
BATF/95	95	1285/0.30	■	■	■	■	■	18.2	500
BATF/120	120	1695/0.30	■	■	■	■	■	20.1	600

A range of hi flex, extra flexible battery cables, using fine stranded copper conductors with a PVC outer sheath to achieve a product which is ideal for battery or welding cable use, and is resistant to abrasion, moisture, petrol/diesel, oil and diluted acids. The working temperature range is -15°C to +70°C and the cable is available with either Black or Red outer PVC Sheath.

## TWIN HI FLEX BATTERY CABLE



Semloh Code	Nominal Conductor Area (mm <sup>2</sup> )	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Conductor Nominal Current Rating (Amps)
			Bulk	100m	50m	30m	10m		
BATF2/16	2 x 16	494/0.20	■	■	■	■	■	15.2 x 6.7	106
BATF2/25	2 x 25	779/0.20	■	■	■	■	■	18.0 x 8.1	140
BATF2/35	2 x 35	1083/0.20	■	■	■	■	■	20.0 x 9.1	171
BATF2/50	2 x 50	1554/0.20	■	■	■	■	■	30.6 x 14.6	215

A range of figure 8 configuration, twin hi flex battery cables, which use extra flexible plain copper conductors, insulated by a red and black thermoplastic elastomer, and then sheathed in a transparent PVC sheath, which can be divided to separate the two cores for connection. The working temperature range is -25°C to +70°C, and the cable is particularly resistant to abrasion, moisture, petrol/diesel, oil and diluted acids, making it ideal for a wide variety of flexible indoor or outdoor uses.

## ORANGE DOUBLE INSULATED WELDING CABLE



Semloh Code	Nominal Conductor Area (mm <sup>2</sup> )	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Conductor Nominal Current Rating (Amps)
			Bulk	100m	50m	30m	10m		
WC/25	25	322/0.30	■	■	■	■	■	9.8	170
WC/40	40	539/0.30	■	■	■	■	■	12.2	300
WC/50	50	665/0.30	■	■	■	■	■	13.3	345
WC/60	60	805/0.30	■	■	■	■	■	14.6	415

A range of flexible, double insulated, orange welding cables, with extra flexible, tinned copper conductors to BS6360 which have a working temperature range of -40°C to +85°C. The conductors are enclosed with a high temperature PETP separator which is insulated by butyl rubber and then sheathed in an orange HOFR sheath, which is resistant to abrasion, moisture, petrol/diesel, oil and diluted acids, and forms an extremely durable cable for the transmission of high currents from the welding machine to the tool piece under rough conditions.

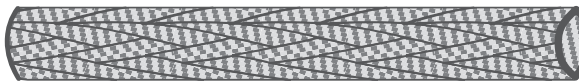
## PVC HIGH TENSION IGNITION CABLE



Semloh Code	Nominal Conductor Area (mm <sup>2</sup> )	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Max HT Voltage Rating (kV)
			Bulk	100m	50m	30m	10m		
IGN/16	1.15	16/0.30	■	■	■	■	■	7.0	20
IGN/19	2.35	19/0.30	■	■	■	■	■	7.0	30

A range of black PVC double insulated high tension ignition cables, which are ideal for the manufacture of high voltage auto distribution leads. The cable is made up of plain copper conductors, double sheathed with PVC to BS6862, and has a working temperature range of -15°C to +70°C. The 30kV cable is also available in Red.

## EARTHING BRAID



Semloh Code	Nominal Conductor Area (mm <sup>2</sup> )	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Conductor Nominal Current Rating (Amps)
			Bulk	100m	50m	30m	10m		
EB/16-16	19	16 x 16/0.30	■	■	■	■	■	7.2	130
EB/16-32	37	16 x 32/0.30	■	■	■	■	■	11.1	260

A range of high grade, tinned copper conductor, circular woven earthing braids, available with a 16/16 weave ratio, or 16/32 ratio for a higher current rating. Tinned braid is particularly suitable for earthing where conditions of vibration or movement are likely to be present, or there is a need for flexible connection. Ready made, terminated earth braid leads are also available from Semloh Electrics (please see page 38).