

# TECHNICAL DATA SHEET

## PVC BATTERY/WELDING CABLE

### PROFILE

Single insulated -30°C to 70°C 100 Volts flexible welding/battery cable designed for use in tough working environments.

The cable is printed throughout its length with the information for size, stranding and Amp & Temperature Ratings.

### INSULATION PROPERTIES

Soft semi-filled general Purpose Extrusion Grade PVC Insulation Compound

Tensile Strength	11.0 (Mpa)
Elongation at break	390%
Shore 'A' Hardness	66
BS Softness @ 24 hrs	60
Specific Gravity	1.46

### COPPER STRAND PROPERTIES

Plain Annealed Copper Conductor

#### Copper Properties and Cable Dimensions

Part No.	Copper	Nom. Cross Section (mm <sup>2</sup> )	Nom. Current Rating (amps)	Resistance @ 20°C ( $\Omega$ /km)	Overall Dia (Max) (mm)	Nom. Ins. Thickness (mm)
010604	206/0.3	16	110	1.317	8.20	1.35
010601	266/0.3	20	135	1.010	8.95	1.35
010602	322/0.3	25	170	0.843	10.05	1.50
010603	539/0.3	40	300	0.503	12.70	1.70
010605	805/0.3	60	415	0.337	14.95	1.90
010607	684/0.4	95	500	0.206	17.90	2.10