



Single core flexible power cable

Construction

High conductivity bunched, flexible copper conductors with primary insulation of general purpose grade PVC and a tightly bonded water and oil resistant PVC/rubber blend nitrile sheath.

Applications

Permopower is manufactured to SABS 1507 specification, is flexible and rated at 1000 volts. It can be used on all types of indoor and outdoor panel and power equipment. Permopower is an excellent replacement for large, rigid type stranded house wires, and is quick to install in ducts, shafts, switchboards, trunking, conduits, transformer connections, large borehole pumps and many types of wiring applications in confined spaces.

Specification (SABS 1507)

Voltage Rating: 1000 Volts

Test Voltage: 6000 Volts

Current Capacity AC: As per table below

Temperature Range: -10°C to +80°C

Flexibility Class: 4 & 5

Conductor Type: High conductivity annealed copper

Sheath Material: PVC/Rubber blend nitrile

Colour Options: Blue, Black, Green/yellow, Red (Standard Welding Colours Apply)

Packaging

Available in 500 metre drums. Cut lengths are also available on request. This product is sequentially marked at one metre intervals for your convenience and security.

Technical Data

Product Code	Size mm ²	Stranding No x Dia	Mass Kg/100m	600/100V Cubicle Wiring Amp Ratings	
				1ph 220v	3ph 380v
PP016	16	120 x 0.41	21.9	76	75
PP025	25	180 x 0.41	30.33	101	96
PP035	35	252 x 0.41	41.44	125	116
PP050	50	366 x 0.41	59.88	151	138
PP070	70	516 x 0.41	83.0	192	171
PP095	95	456 x 0.501	107.06	232	205
PP120	120	582 x 0.501	136.92	269	234
PP150	150	762 x 0.501	179.32	300	263
PP185	185	924 x 0.501	220.1	341	298