

# PERMOPOWER

## DOUBLE INSULATED POWER & WELDING CABLE

### Construction

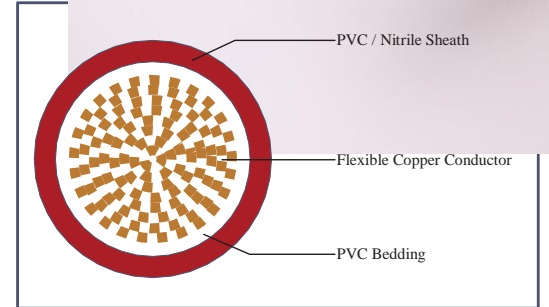
High conductivity bunched flexible copper conductors with primary insulation of general purpose grade PVC and a tightly bonded water and oil resistant PVC/rubber nitrile blend sheath.

### 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, conduit, transformer connections, large borehole pumps and many types of wiring applications in confined spaces. Excellent product for harsh welding environments.

### 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.



Specification	(SABS 1507)
Voltage Rating	1000 Volts
Test Voltage	6000 Volts
Temperature Range	-10° to +80°C
Flexibility Class	5
Conductor Type	High conductivity annealed copper
Insulation Material	PVC/Rubber Nitrile blend
Colour Options	Blue, Black, Red, White (Standard welding colours also available)



### Technical Data

Product Code	Size mm <sup>2</sup>	Stranding No x Dia	Nominal Dia	Cubicle Wiring Amp Ratings		Mass kg/100m
				1 ph 220V3	ph 380V	
PP016#	16	120 x 0.41	9.4	76	68	21.90
PP025#	25	180 x 0.41	10.4	101	89	30.33
PP035#	35	252 x 0.41	11.8	125	110	41.44
PP050#	50	366 x 0.41	14.4	151	134	59.88
PP070#	70	516 x 0.41	17.1	192	171	83.00
PP095#	95	456 x 0.501	18.6	232	207	107.06
PP120#	120	582 x 0.501	21.3	269	239	136.92
PP150#	150	762 x 0.501	24.7	300	262	179.32
PP185#	185	924 x 0.501	26.8	341	296	220.10

# When ordering, insert colour code here (Refer to Page 1)  
Consult current ratings for welding cables in Appendix 2 on page 78