

PERMOWELD

FLEXIBLE WELDING CABLE



Construction

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

Application

PERMOWELD is manufactured to SABS 1507 specifications, its flexible and rated at 1000 volts. It can be used on all types of indoor/outdoor electric welding equipment. PERMOWELD is an excellent replacement for large, rigid stranded house wires. It is quick to install in ducts, shafts, switchboards, trunking, conduits, transformer connections, large borehole pumps and many other wiring applications.

TECHNICAL DATA

PRODUCT CODE	Size mm ²	Stranding No x Dia	Nominal Dia mm	Sheath Colour	Mass Kg/100m	600/1000V Cubicle Wiring Amp Ratings	
						1ph 220V	3ph 380V
694PW016	16	290 x 0.26	9.4	Green	21.90	76	75
694PW025	25	451 x 0.26	10.7	Blue	30.33	101	96
694PW035	35	440 x 0.31	11.8	Grey	41.44	125	116
694PW050	50	632 x 0.31	14.4	Red	59.88	151	138
694PW070	70	904 x 0.31	17.1	Brown	83.00	192	171
694PW095	95	672 x 0.41	18.6	Yellow	107.06	232	207
694PW120	120	864 x 0.41	21.2	Black	136.92	269	239
694PW150	150	1152 x 0.41	24.4	Black	179.32	300	263
694PW185	185	1392 x 0.41	27.5	Black	220.10	341	298

Specification (SABS 1574-3)

Voltage Rating	1000 Volts
Test Voltage	6000 Volts
Current Capacity AC	As per table above
Temperature Range	-10° to +80°C
Flexibility Class	4 & 5
Conductor Type	High Conductivity annealed copper
Insulation Material	General purpose grade PVC
Sheath Material	PVC/Rubber Blend Nitrile

