


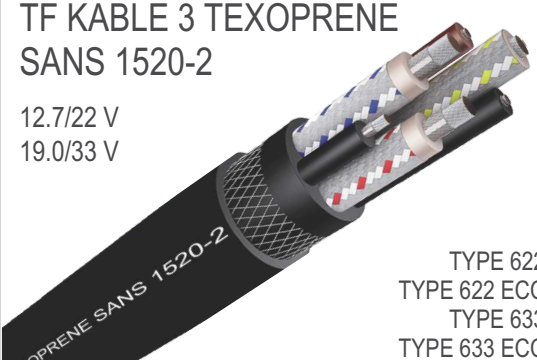
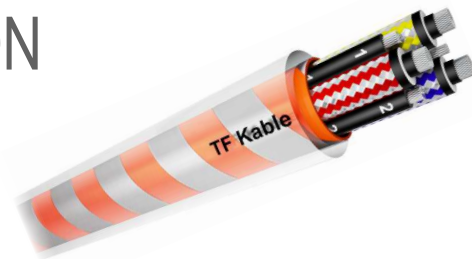


SPECIALISED MINING CABLES

| | |
|--|---|
| <p>TF KABLE 3 TEXOPRENE SCOOP 640/1100 V</p>  <p>TRM TRMC TRSS SCOOP</p> | <p>TF KABLE 3 TEXOPRENE SANS 1520-1 640/1100 V 1900/3300 V</p>  <p>TYPE 41 TYPE 61 TYPE 63</p> |
| <p>TF KABLE 3 TEXOPRENE SANS 1520-2 3.8/6.6 V 6.35/11 V</p>  <p>TYPE 66 TYPE 66 ECC TYPE 611 TYPE 611 ECC</p> | <p>TF KABLE 3 TEXOPRENE SANS 1520-2 12.7/22 V 19.0/33 V</p>  <p>TYPE 622 TYPE 622 ECC TYPE 633 TYPE 633 ECC</p> |

OUR LATEST INNOVATION

Flexible, reflective or neon TPU sheathed screened mining cables. High abrasion and tensile pull properties.



Manufacturer of flameproof and explosion proof products

Proof Engineering specialises in the design and manufacture of innovative flameproof, explosion proof and non-flameproof plugs, sockets, adaptors and cable couplers for the mining and tunneling industries. The range includes 0.6 kV through to 35kV, 120A through 800A couplers in a variation of configurations i.e. plugs, sockets, adaptors, as well as a PLM aluminium range that meets international specifications for hazardous and non-hazardous areas.

In addition, we are able to offer our customers:

- ✓ Fitment of the connectors to the cable when purchased as a complete set
- ✓ Comprehensive design capabilities (inclusive of unique or special designs to suit specific applications)
- ✓ Fully equipped in-house foundry and machining capacity
- ✓ State-of-the-art machining CNC machining

PROOF MINING CONNECTORS

PROOF ENGINEERING
A division of Hudaco
JHB (HO): 011 824 1146
Fax: 011 824 1237
Email: proofeng@mweb.co.za
Web: www.proofeng.co.za

MANUFACTURING FACILITY
No 368 Sifon Street
Robertville, Roodepoort, 1709



PROOF MINING CONNECTORS



200A 1.1kV Restrained Plugs & Sockets

200A 1.1kV RESTRAINED PLUGS & SOCKETS

200A 1.1kV RESTRAINED PLUG

Technical Data

Receptacle, Plug, Electrical

- ✓ Cable entry for UA
- ✓ Complete phase segregation, no phase-to-phase failures
- ✓ Contact quantity & type: 3-Phase & 1 pilot
- ✓ Connector type: Plug restrained
- ✓ Current rating: 200A continuous
- ✓ DC Model available: 425A 1 positive / 1 negative phase & 2 pilots
- ✓ Flameproof certified
- ✓ Housing: Brass or Pro-Alloy
- ✓ Individually screened insulators
- ✓ Phase conductors: Copper, grubscrew or crimp type connectors
- ✓ Pilot: Brass
- ✓ Voltage: 650/1100V
- ✓ Certified to SANS 60079-0-1 & SANS 1489

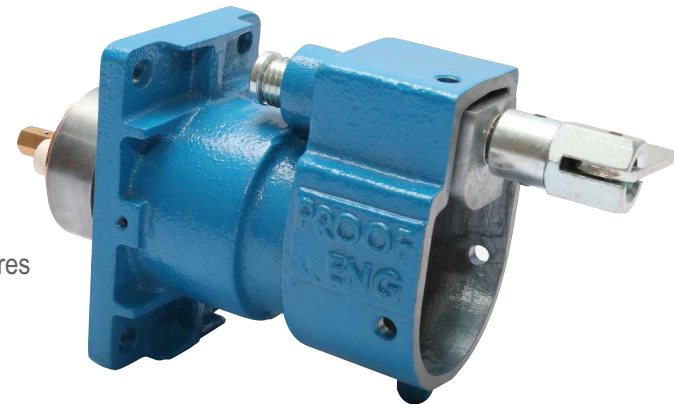


200A 1.1kV RESTRAINED SOCKET

Technical Data

Receptacle, Socket, Electrical

- ✓ Complete phase segregation, no phase-to-phase failures
- ✓ Contact quantity & type: 3-Phase & 1 pilot
- ✓ Connector type: Socket restrained
- ✓ Current rating: 200A continuous
- ✓ DC Model available: 425A 1 positive / 1 negative phase & 2 pilots
- ✓ Flameproof certified
- ✓ Housing: Brass or Pro-Alloy
- ✓ Individually screened insulators
- ✓ Phase conductors: Copper, grubscrew or crimp type connectors
- ✓ Pilot: Brass
- ✓ Tails can be fitted in-house
- ✓ Voltage: 650/1100V
- ✓ Tamper Proof Spindle (NEW)
- ✓ Certified to SANS IEC60079 & SANS 1489

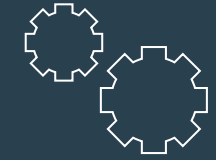
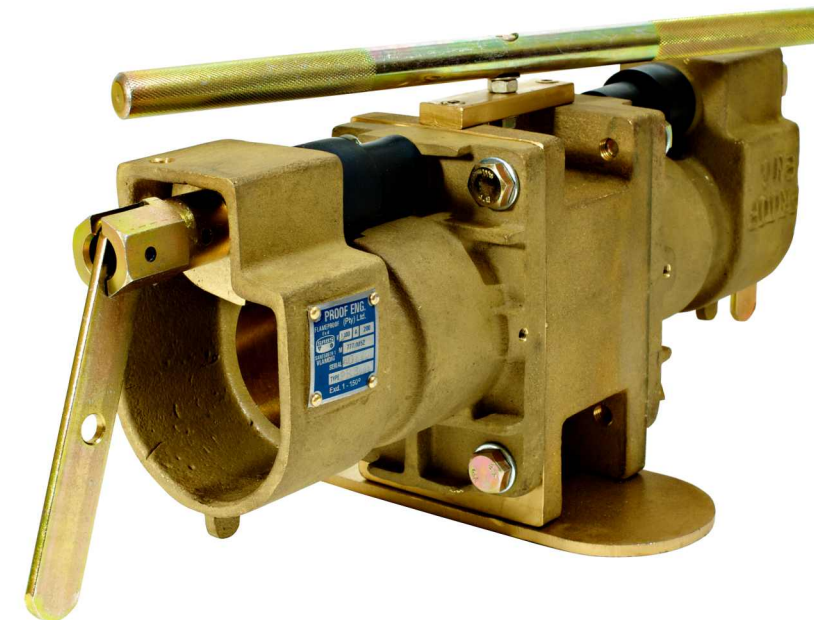


200A 1.1kV PLUG COUPLER

Technical Data

Receptacle, Socket, Electrical

- ✓ Complete phase segregation, no phase-to-phase failures
- ✓ Contact quantity & type: 3-Phase & pilot
- ✓ Connector type: Back-to-back socket, restrained or bolted
- ✓ Current rating: 200A continuous
- ✓ Flameproof certified (Sockets certified separately, Exd Group 1)
- ✓ Housing: Brass or Pro-Alloy
- ✓ Individually screened insulators
- ✓ Phase conductors: Copper, grubscrew or crimp type connectors
- ✓ Pilot: Brass
- ✓ Voltage: 1100V
- ✓ Certified to SANS IEC60079-0-1 & SANS 1489



Features and Benefits

- Bolt-on type gland
- Crimp contacts
- Earth star securely fitted
- Grommets cut to suite cable sizes
- IP65 rated & corrosion resistant
- Individual insulators for lowest total cost of ownership
- Solid barrel = less damage

Applications

- Continuous miner (CM)
- Gate & boxes
- Jet fans
- Roof bolters
- Shuttle cars

After Sales Service Solutions

- Coupler repair services (on request)
- Spares locally manufactured (ex-stock)
- Technical back-up and support 24/7
- Termination of the cable into the coupler is available
- Training on terminating the coupler (on request)