


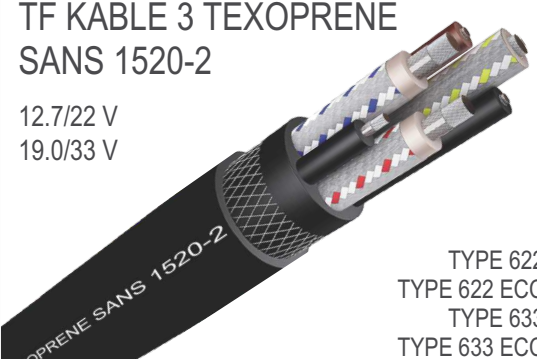
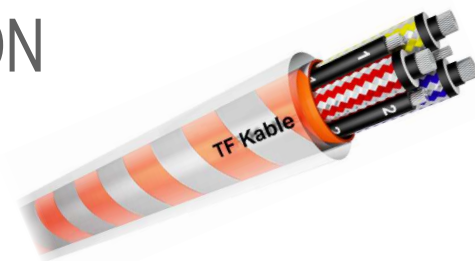


# SPECIALISED MINING CABLES

<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  
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MANUFACTURING FACILITY  
No 368 Sifon Street  
Robertville, Roodepoort, 1709



# PROOF MINING CONNECTORS



120A 1.1kV Restrained Plugs & Sockets



## 120A 1.1kV RESTRAINED PLUGS

### 120A 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: 120A continuous
- ✓ Flameproof certified
- ✓ Housing: Brass or Pro-Alloy
- ✓ Individually screened insulators
- ✓ IP65 rated & corrosion resistant
- ✓ Phase conductors: Copper, grubscrew or crimp type connectors
- ✓ Pilot: Brass
- ✓ Voltage: 1100V
- ✓ Certified to SANS IEC60079-0-1 & SANS 1489



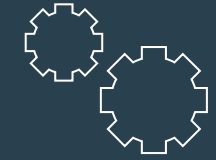
## 120A 1.1kV RESTRAINED SOCKETS

### 120A 1.1kV RESTRAINED SOCKET

#### Technical Data

##### Receptacle, Socket, Electrical

- ✓ Complete phase segregation, no phase-to-phase failures
- ✓ Connector type: Socket restrained
- ✓ Contact quantity & type: 3-Phase & 1 pilot
- ✓ Current rating: 120A continuous
- ✓ Flameproof certified
- ✓ Housing: Brass or Pro-Alloy
- ✓ Individually screened insulators
- ✓ IP65 rated & corrosion resistant
- ✓ Phase conductors: Copper, grubscrew or crimp type connectors
- ✓ Pilot: Brass
- ✓ Tails can be factory fitted
- ✓ 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
- Individual insulators for lowest total cost of ownership
- Solid barrel = less damage

#### Applications

- Jet fans

#### 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)