

# PNA - Product Notification Alert

## AUSPROOF APPROVED COMPOUNDS

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### AUSPROOF APPROVED COMPOUNDS

<b>Product Range:</b>	All High Voltage Termination Kits
<b>Product Stock Code:</b>	N/A
<b>Release Date:</b>	16/10/25

#### Feature:

AusProof High Voltage Couplers and Adaptors are approved for use with specific compounds that meet strict safety and performance standards. These compounds ensure reliable performance in harsh mining and industrial conditions. To maintain consistent quality and streamline manufacturing, a new order and sourcing process is being implemented. This process provides clear guidance for selecting the correct approved compounds during the ordering stage, ensuring compliance, standardization, and optimal performance across all applications.

#### 1.0 Approved Compounds

Name	AusProof Stock Number	Approved Supplier and Contact	Supplier Stock Number	Price Rating 1 – Low 3 – High	Formula	Volume
Dow – Silastic 9161 with Catalyst	4035	Motion Australia cbcgladstone@conbear.com	10860059	3	Silicone Based	7.5KG 5L
Compound 78	4136	JGS Tech Innovation info@jgstech.co.za	FR974F1	2	Hard Setting Epoxy	4.2L
Guroflex MV	4173	G.V Kinsman Pty Ltd sales@gvk.com.au	KGEL-Flex-MV-43	3	Silicone Based	4.3L
Compound 53-1	4180	JGS Tech Innovation info@jgstech.co.za	FR707H1	2	Epoxy	4.2L
Re-Gel	4175	Rainbow Technology sales@rainbowtech.net	79487	2	Epoxy	1 US Gal 3.7L

**Table 1.0 – Approved Compounds**

\* Orders greater than 20 units should be coordinated directly with the Supplier.

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### 2.0 How the Ordering Method Needs to Change

Unfortunately, a single Stock Number for ordering complete termination kits is no longer viable due to the increased variety of compounds, volumes, stress relief tube sizes, and expiry dates. To address this, greater efficiency is required in both supply chain and inventory management systems.

Termination kits are now divided into three components. Cable type (armoured or unarmoured) determines whether two or three stock numbers are necessary:

- Unarmoured cable terminations require components A and B.
- Armoured cable terminations require all three components: A, B, and C.

#### Component Breakdown:

- A) Compound of choice.
- B) Termination kit – available in three sizes.
- C) Armoured kit.

#### A) Compound of Choice

The table below lists AusProof Products along with the approximate compound volume required to fill each coupler and adaptor. Certain brands may require additional units to ensure proper volume matching. Refer to **Table 1.0 – Approved Compounds** for corresponding stock numbers.

Voltage Rating	KA Style Gland	KAN Style Gland		Adaptors
	All Sizes 45mm – 120mm OD Cables	Small 45mm – 90mm OD Cables	Large 95mm – 120mm OD Cables	All Sizes
6.6/8.7kV	4.0	4.0	4.2	4.0
11/15kV	4.2	4.2	5.3	4.2
22/25kV	6.0	6.0	6.5	5.3
35kV	6.5	6.5	6.5	6.5

*\* Please note that the table serves as a guideline and may vary based on factors such as manufacturer sizes and volume accuracy.*

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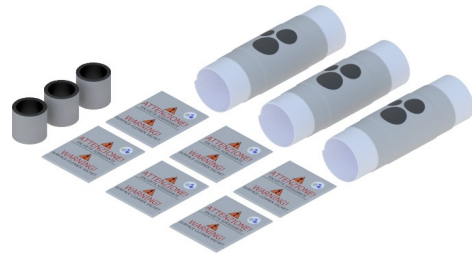
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### B) Termination Kit – Three Difference Sizes

One termination kit is designed to terminate a three core cable. The three available sizes correspond to the Core Size of the cable, as the stress relief tube is fitted to each individual core.

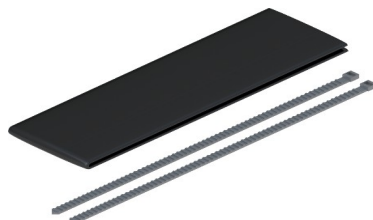
Stock Number	Description - Core OD Size	Approximation link to mm <sup>2</sup> Conductor Size
RS3890	Termination Kit Small (no Compound) 8-25mm	25mm <sup>2</sup> - 95mm <sup>2</sup>
RS3891	Termination Kit Medium (no Compound) 11-30mm	120mm <sup>2</sup> - 185mm <sup>2</sup>
RS3892	Termination Kit Large (no Compound) 24-50mm	240mm <sup>2</sup> - 300mm <sup>2</sup>

- 3 x Stress Relief Tubes
- 3 x Stripes of special non metallic sandpaper
- 6 x Cleaning Tissues



### C) Armoured Kit.

Stock Number	Description
RS3893	Termination Kit for Armoured Cable



- 1 x 600mm Long Black Heat Shrink tube
- 2 x Steel cable ties

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#### 3.0 Examples of Old Verse New Order Methods

##### Example 1: Stock Number

- **Previous Stock Number is one number**  
1 x RS406 - 11-15kV Compound 53 Termination Kit Small 17mm – 30mm.
- **New break down, required Section A and B for UN-Armoured Cable**  
1 x PN:4180 – Compound 53-1.  
1 x RS3891 - Termination Kit Medium (no Compound) 11 - 30mm.

##### Notes for Ordering:

- Always confirm cable core OD before selecting the tube size.
- Compound must be selected from the AusProof Approved Compound List.
- 1 Compound pack may be sufficient for 6.6/8.7 and 11/15kV, and some 11/15kV may require more volume depending on Gland (KAN style). For 22-35kv applications, 2 packs (aprox, 5.3 total) are typically required.