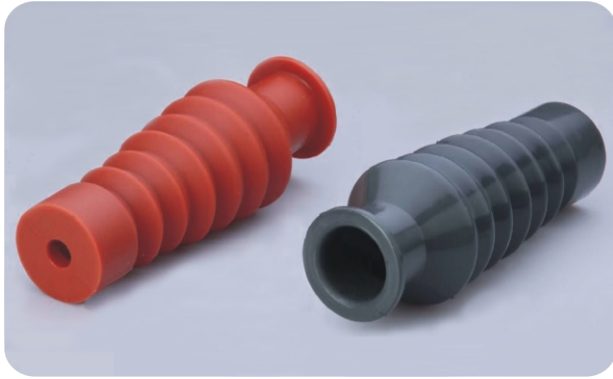




## BUSHINGBOOT™

The Ultimate Insulation



Bushing Boots are non-tracking elastomeric insulating boots which are used in conjunction with terminations. They fit over the bushings of switchgear, insulating the area between the cable connector in either right angled or straight bushing connections. They are designed to enhance the phase-to-phase and phase-to-earth insulation. The boots can be used to protect against flash-over or surges induced in switchgear & transformer boxes.

## TERMiCAP™

The Ultimate Insulation



Termi Cap is made from high quality flexible PVC (Polyvinyl Chloride) Material. ❖ Used for insulating and protecting wire end terminal. ❖ Available in customs size, shape and colours. ❖ Ideal for Insulating & colour coded identification of terminal crimped on to the power cable.

### Standards :

- ❖ Tested to ANSI C 37.20.2 Standards for medium voltage switchgear application to 36KV.

### Selection Chart:

| PRODUCT CODE | TOTAL LENGTH  | ID - BUSHING ENTRY | ID - CABLE ENTRY | THICKNESS     |
|--------------|---------------|--------------------|------------------|---------------|
| GSBB - 1     | 230 mm (min.) | 50.5 mm (min.)     | 17.5 mm (min.)   | 2.5 mm (min.) |
| GSBB - 2     | 230 mm (min.) | 50.5 mm (min.)     | 22.0 mm (min.)   | 2.5 mm (min.) |

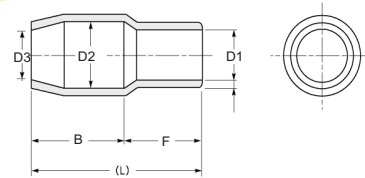
### Technical Data:

| TEST DESCRIPTION       | NOMINAL VALUE |
|------------------------|---------------|
| Maximum System Voltage | 24 kV         |
| Basic Impulse Level    | 125 kV        |

### Features & Benefits:

- ❖ Removable and Re-installable
- ❖ Tool free application
- ❖ High performance insulation material
- ❖ Unlimited Shelf life
- ❖ Connections can be energized immediately after installation
- ❖ One product for inline and right angle application

### Technical Drg.



### Selection Chart

| TYPE mm  | D1 mm | D2 mm | D3 mm | L mm | F  |
|----------|-------|-------|-------|------|----|
| TCV 12   | 3.2   | 3.5   | 3     | 15   | 8  |
| TCV 21   | 3.5   | 4.5   | 3.8   | 18   | 10 |
| TCV 50   | 4.5   | 5.5   | 4.5   | 21   | 10 |
| TCV 53   | 5     | 6     | 5     | 25   | 10 |
| TCV 60   | 8     | 10    | 8     | 27   | 13 |
| TCV 221  | 9.5   | 12    | 8     | 30   | 16 |
| TCV 381  | 12    | 14    | 10    | 35   | 18 |
| TCV 601  | 14    | 16.5  | 14    | 42   | 23 |
| TCV 100  | 18    | 22    | 16    | 54   | 26 |
| TCV 501  | 22    | 24    | 22    | 67   | 33 |
| TCV 2501 | 26    | 37    | 26    | 79   | 38 |
| TCV 3251 | 30    | 37.5  | 30    | 78   | 38 |

### Technical Specification

| TEST DESCRIPTION           | RECORDED VALUE              | TEST METHOD |
|----------------------------|-----------------------------|-------------|
| Dielectric Strength        | 16 KV / mm. (min.)          | ASTM D149   |
| Tensile Strength           | 12 N/mm <sup>2</sup> (min.) | ASTM D638   |
| Elongation                 | 350% (min.)                 | ASTM D638   |
| Density                    | 1.23 gm/cm <sup>3</sup>     | ASTM D792   |
| Hardness                   | 65 ± 5 shore A              | ASTM D2240  |
| Continuous Operating Temp. | -20°C to 115°C              | --          |
| Flammability               | Pass                        | UL 94-V0    |

BUSHING BOOT

PVC TERMINAL CAP