NON SHRINKABLE

GALA®
Innovative Insulating Solutions

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 up to 25 KV application & protect against flashover or surges induced in switchgear & transformer boxes.

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 Specification

TEST DESCRIPTION	RECORDED VALUE	TEST METHOD
Tensile Strength	12 N/mm^2 (min.)	ASTM D 638
Elongation at break	500 % (min.)	ASTM D 638
Tensile strength after aging	9 N/mm^2 (min.)	ASTM D 2671
Elongation at break aging	375 % (min.)	ASTM D 2671
Dielectric strength	20 kV/mm (min.)	ASTM D 149
Dielectric constant	5.0 (max.)	ASTM D150
Volume resistivity	1 X 10^{14} Ohm/cm (min.)	ASTM D 257
Water Absorption	0.2 % (max.)	ASTM D 576
Continuous Operating Temp.	-40°C to 115°C	--

System Specification

TEST	PARAMETER	REQUIREMENTS	RESULT
AC Withstand	5 min at 55 KV	No Flashover No Breakdown	Pass
Impulse voltage withstand	10 + & 10- impulses at 125 KV	No Flashover No Breakdown	Pass

BUSHING BOOT

TERMICAP™

The Ultimate Insulation

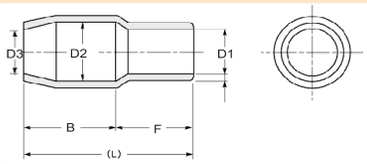
Termi Cap is made from high quality flexible PVC (Polyvinyl Chloride) Material. ❖ Used for insulating and protecting wire end terminal. ❖ Available in customs size, shape and colours. ❖ Ideal for Insulating & colour coded identification of terminal crimped on to the power cable.

Standards :

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

PVC TERMINAL CAP

Technical Drg.



Selection Chart

TYPE mm	D1 mm	D2 mm	D3		
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^2 (min.)	ASTM D638
Elongation	350% (min.)	ASTM D638
Density	1.23 gm/cm^3	ASTM D792
Hardness	65 ± 5 shore A	ASTM D2240
Continuous Operating Temp.	-20°C to 115°C	--
Flammability	Pass	UL 94-V0

SINCE 1979

An ISO 9001, ISO 14001 & ISO 45001:2018 Certified Company

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