

TECHNICAL SPECIFICATION&GURANTEED TECHNICAL PARTICULARS

Of Gasket Set

160 KVA to 400 KVA Transformers

Gasket Set made of best quality Rubberized cork sheet RC-70(Type-C) Conforming to IS 4253/Part-2/2008 (with its latest amendment if any) for use in repairing of **160 KVA to 400 KVA** Distribution Transformers.

Each Gasket Set Consists of Gasket Washer as per following Details:-

- (a) Gasket Washer size Dia OD 110mm, ID 75mm, Thickness 6mm-03 Nos.
- (b) Gasket Washer size Dia OD 82mm, ID 48mm, Flat Length 42, Flat to Flat Distance 70mm, Thickness 6 mm-04 Nos.
- (c) Gasket Washer size Dia OD 70mm, ID 45mm, Thickness 6 mm-04 Nos.
- (d) Gasket Washer size Dia OD 65mm, ID 45mm, Flat to Flat Distance 28mm, Thickness 6 mm-04 Nos.
- (e) Gasket Washer size Dia OD 48mm, ID 22mm, Thickness 6 mm-04 Nos.

Total 19 Nos Washer pieces in one set & as per enclosed Drg.

**Each set will be packed in Environmental friendly poly bag with Posted Sticker of Supplier Firm's Name.
(Tolerance in size ± 0.25 mm, Negative Tolerance in Thickness is not allowed)**

SL. No	Particular	Unit	Required Value
1	Material		Gasket Washer made from Rubberised Cork Sheet RC-70 (Type-C)
2	IS		4253/P-II/2008 and with its latest Amendment
3	Thickness	mm	6/+0.25
4	Hardness	IRHD	70 \pm 5
5	Dimensional Change percent (Max)	%	1.5
6	Tensile Strength (Min)	kPa	1550
7	Compressibility (at 2800 kPa) Percent	%	25-35
8	Recovery Percent (Min)	%	80
9	Compression Set, Percent (Max)	%	85
10	pH water extract	-	5.0 to 8.5
11	Age in Oil (at Temp 110°C \pm 2 for 72 \pm 1hr) (Max)	%	15%
12	Finish	-	Uniform in Texture & colour free from craks& smooth finish
13	Flexibility	-	No breaking through the granules of cork or separation of Granules

Note:-

1. All specification and Testing should be as per relevant IS with latest amendment.
2. If facility of any acceptance test of above material is not available at firm's premises, then inspecting authority will send a sealed sample of the above material to NABL lab for such test and mentioned lot will be accepted only when it successfully pass in acceptance test. The cost of such test (s) shall be borne by the supplier firm.

Drawing and dimensions

Drawing and dimensions for rubberized Gas Ket packing of Bushing & Rod for 160-400 KVA TF

(A) - HT Bushing Gasket
 Size - OD - 110 ± 0.25 mm
 ID - 75 ± 0.25 mm
 Thickness - 6 mm
 Qty - 03 nos Per Set

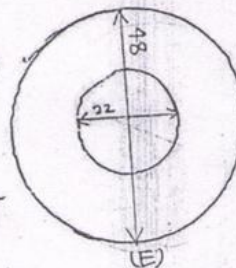
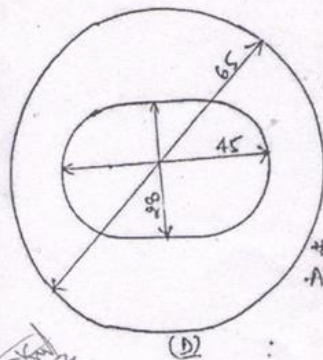
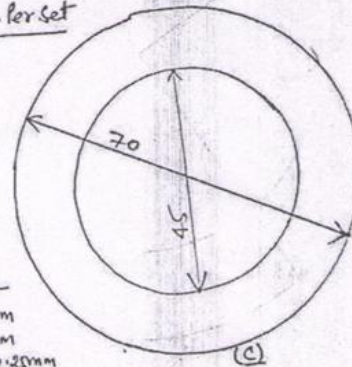
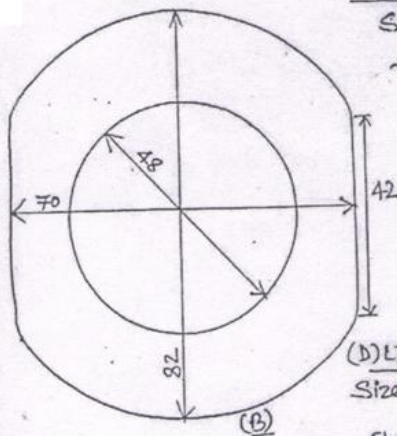
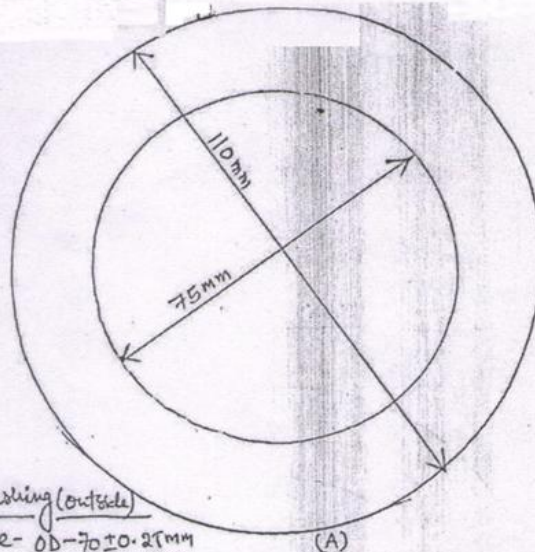
(B) LT Bushing (Inside)
 Size OD - 82 ± 0.25 mm
 ID - 48 ± 0.25 mm
 Flat to flat - 70 ± 0.25 mm
 Flat length - $42 \text{ mm} \pm 0.25$ mm
 Thickness - 6 mm
 Qty - 04 nos Per Set

(C) LT Bushing (outside)
 Size - OD - 70 ± 0.25 mm
 ID - 45 ± 0.25 mm
 Thickness - 6 mm
 Qty - 04 nos. per Set

(D) LT Bushing (Inside)
 Size - OD - 65 ± 0.25 mm
 ID - 45 ± 0.25 mm
 Flat to Flat - 28 ± 0.25 mm
 Thickness - 6 mm
 Qty - 04 nos per set

(E) LT Terminal
 Size - OD - 48 ± 0.25 mm
 ID - 22 ± 0.25 mm
 Thickness - 6 mm
 Qty - 04 nos Per set

* No Negative tolerance Allowed in thickness.



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 Board

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