

**TECHNICAL SPECIFICATION & GURANTEED TECHNICAL PARTICULARS**  
**Of Gasket Set**  
**For 1000 KVA Distribution 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 **1000 KVA** Distribution Transformers).

Each Gasket set Consists of Gasket Washer as per following Detail & as per Sample.

- (a) Gasket Washer size Dia OD 110 mm, ID 75 mm, Thickness 8mm, - **03 Nos.**
- (b)Gasket Washer size Dia OD 104 mm, ID 70 mm, Thickness 8mm, - **04 Nos.**
- (c)Gasket Washer size Dia OD 75 mm, ID 41 mm, Thickness 8mm, - **04 Nos.**
- (d) Gasket Washer size Dia OD 124 mm, ID 75mm, Flat to Flat Distance 107 mm, Thickness 8 mm - **04 Nos.**
- (e) Gasket Washer size Dia OD 98 mm, ID 66 mm,Hexagun shape, Thickness 8mm - **04 Nos.**

Total **19 nos.** washer pieces in one set & as per enclosed Drg..

Each set will be packed in Environmental friendly poly bag.

(Tolerance in size +/- 0.25 mm, Negative Tolerance in Thickness is not allowed)

**TECHNICAL PARTICULARS**

S.No.	PROPERTY	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	8/ +0.25
4	Hardness	IRHD	70±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 ± 2 for 72 ± 1 hr) (Max)	%	15%
12	Finish	-	Uniform in Texture & colour free from cracks & smooth finish
13	Flexibility	-	No breaking through the granules of cork or separation of Granules

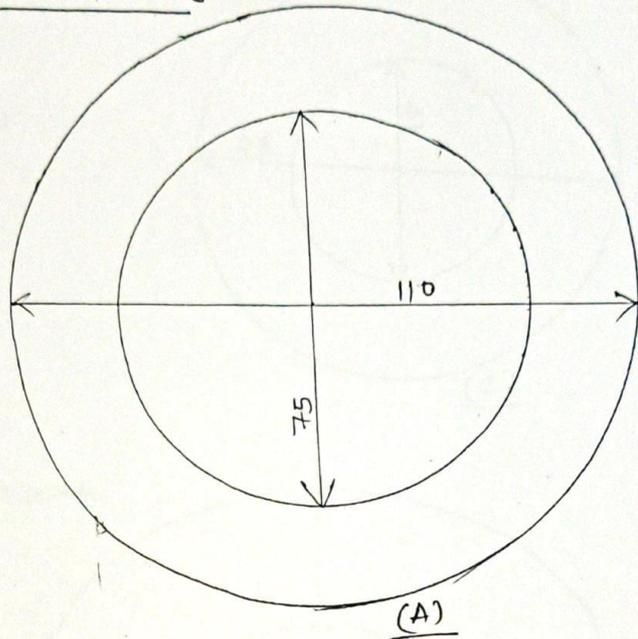
**Note:-**

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.

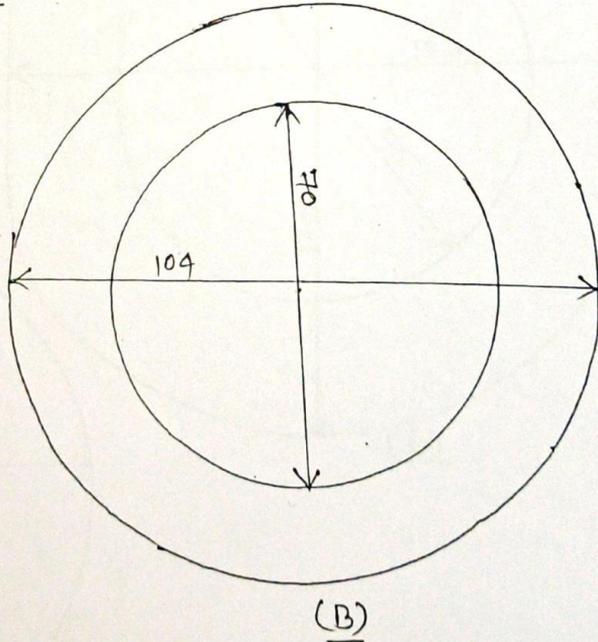
**Drawing & Dimensions of Gasket packing of  
Bushing & Rod for 1000 KVA Transformer**

Drawing & Dimension of Rubberized Gasket Packing For  
Bushing & Rod for 1000 KVA TFs

(A) HT Bushing Gasket  
Size, OD -  $110 \pm 0.25 \text{ mm}$   
ID -  $75 \pm 0.25 \text{ mm}$   
Thickness - 8mm  
Quantity - 03 nos per set



(B) LT Bushing outside  
Size - OD -  $104 \pm 0.25 \text{ mm}$   
ID -  $70 \pm 0.25 \text{ mm}$   
Thickness - 8mm  
Qty - 4 nos per set



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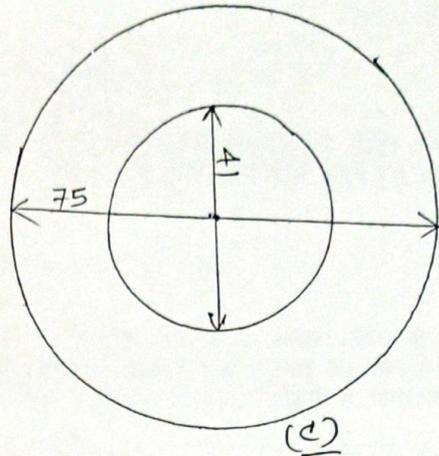
Name *AEWS*  
AEWS GZB

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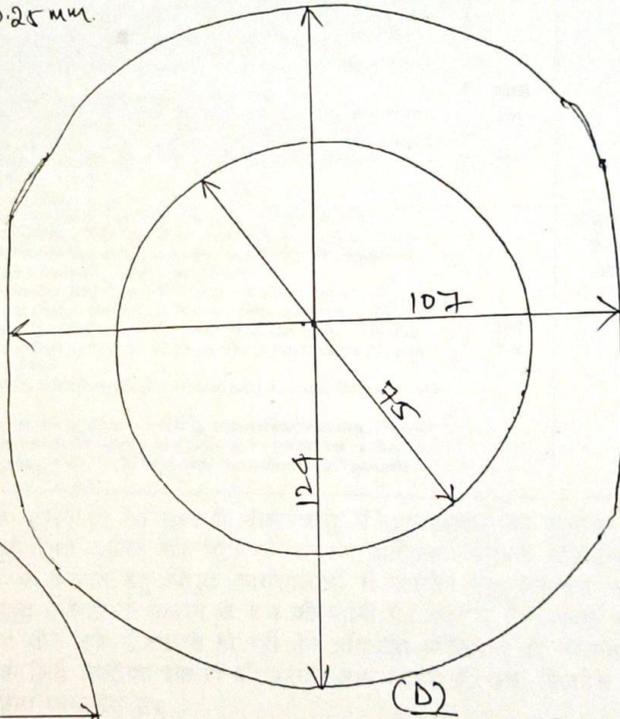
LT Terminal

Size - OD -  $75 \pm 0.25 \text{ mm}$   
ID -  $41 \pm 0.25 \text{ mm}$   
Thickness - 8mm  
Qty - 04 nos. per set



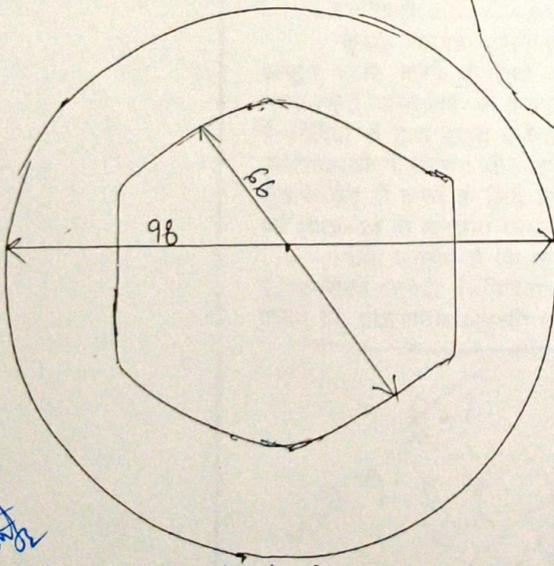
(D) LT Bushing (Inside)

Size - OD -  $124 \pm 0.25 \text{ mm}$   
ID -  $75 \pm 0.25 \text{ mm}$   
Flat to flat distance -  $107 \pm 0.25 \text{ mm}$   
Thickness - 8mm  
Qty - 04 nos per set



(E) LT Bushing (Inside)

Size - OD -  $98 \pm 0.25 \text{ mm}$   
ID -  $66 \pm 0.25 \text{ mm}$   
(Hexagon Shape)  
Thickness - 8mm  
Qty - 04 nos per set



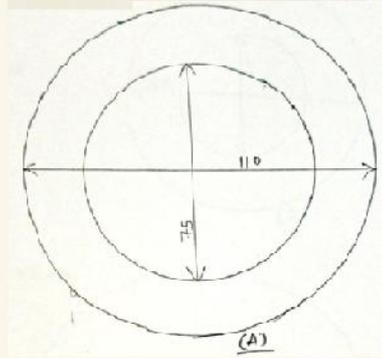
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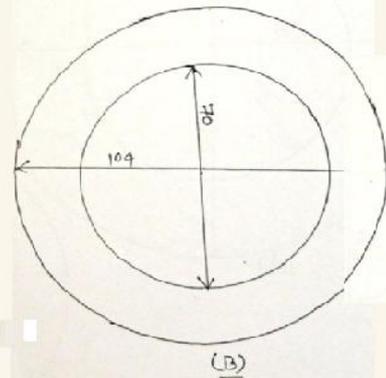
(A) HT Bushing Gasket

Size - OD -  $110 \pm 0.25 \text{ mm}$   
ID -  $75 \pm 0.25 \text{ mm}$   
Thickness - 8mm  
Quantity - 03 nos per set



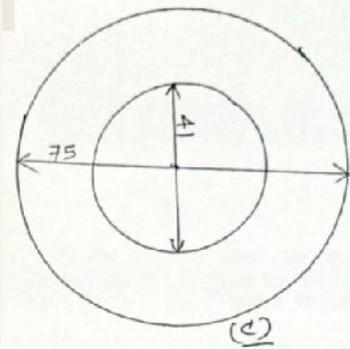
(B) LT Bushing outside

Size - OD -  $104 \pm 0.25 \text{ mm}$   
ID -  $70 \pm 0.25 \text{ mm}$   
Thickness - 8mm  
Qty - 4 nos per set



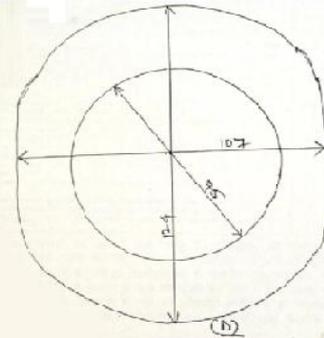
LT Terminal

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Flat to Flat distance -  $107 \pm 0.25 \text{ mm}$   
Thickness - 8mm  
Qty - 04 nos per set



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Size - OD -  $98 \pm 0.25 \text{ mm}$   
ID -  $66 \pm 0.25 \text{ mm}$   
(Hexagon Shape)  
Thickness - 8mm  
Qty - 04 nos per set

