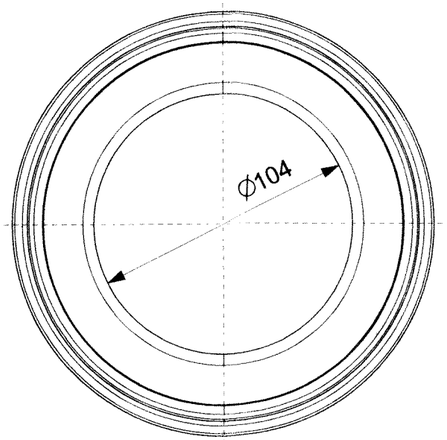
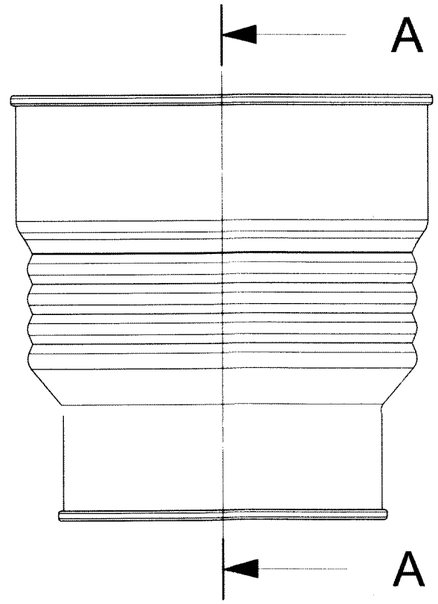
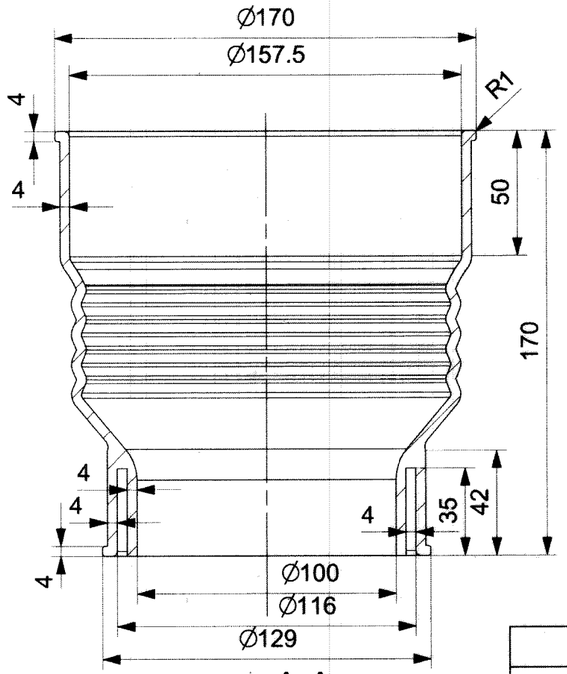
NOTE:- 1. MATERIAL OF CONNECTOR SHALL BE TPE (THERMOPLASTIC POLYESTER ELASTOMER)..
2. PHYSICAL PROPERTIES OF TPE HOSE CONNECTOR SHALL BE AS PER CRITERIA DEFINED IN TABLE-1 AND MANUFACTURED IN BLACK COLOUR.

TABLE-1

S.NO.	PPROPERTY	REQUIRED VALUE	TEST METHOD
1	SPECIFIC GRAVITY (gm/cubic cm)	1.0±0.1	ASTM D-972
2	TENSILE STRENGTH (IN MPa AT BREAK) MIN.	4 MPa	ISO -37
3	% ELONGATION (AT BREAK) MIN.	300%	ISO -37
4	HARDNESS (SHORE -A)	50±5	ISO 868
5	COMPRESSION SET	AT 23 °C 35% AND AT 70 °C 55%	ISO 815
6	TEAR STRENGTH (Min.)	20KN/M	ISO 34
7	ASH CONTENT (Max.)	12%	ASTM D-5630







SECTION A-A

1	CONNECTOR 100X150	1			TPE	SEE NOTE
ITEM	DESCRIPTION & DIMENSIONS	No. OFF	REF. DRG.	WT. OF ONE kg	MTL. & SPEC.	REMARKS

	SUPERSEDED BY:-	INDIAN RAILWAYS	
ASSEMBLY DRGS.	SUPERSEDES:-	ICF\RCF TYPE COACHES	
REFERENCE :-	SCALE 1:5	P	HOSE CONNECTOR FOR 150 MM LAVATORY PAN OUTLET
		C	
		D	
	J.S. SS/51/16		
CDIC NO. :-	B.G.	R.D.S.O. [CG]	CG-16036

ALT.	ITEM	AUTH.	DESCRIPTION	CKD.	DATE