



NOMINAL BORE		C-2
15		45
20		45
25		45
40		57
50		64
80		76
100		102
150		127
200		140
250		165
300		190

**NOTES.**

**1) DIMENSIONAL STANDARDS:-**

- A) ALL DIMENSIONS ARE IN MM OTHERWISE SPECIFIED.
  - B) ELBOW CONFIRMS TO ANSI B-16.9
  - C) FLANGE DIMENSIONS ARE AS PER ANSI B-16.5#150. HOWEVER OTHER STANDARD LIKE DIN, JIS, BS CAN BE SUPPLIED AS PER INDIVIDUAL CUSTOMER'S REQUIREMENT.
  - D)\*\*\*CONTACT GPTL FOR LENGHT & TYPE OF LINER MATERIAL.
  - E) LINER THICKNESS ON RAISED FACE WILL BE 20% LOWER THAN SPECIFIED ABOVE.
- 02) MATERIAL; OF CONSTRUCTION:
- A) ELBOW LINER UP TO 150NB IS FROM PTFE WHITE LINER CONFIRMS TO STANDARD RESIN SPECIFICATION ASTM D-1457,ASTM D-4994 & 95 TYPE II.ELBOW OF SIZE 200 & ABOVE WILL BE SUPPLIED EITHER IN FEP OR PFA OR PTFE DEPENDING ON PROCESS LIQUID HANDLED & AS PER STANDARD RESIN SPECIFICATION. ASTM D-2116 & D-3307 TYPE III & TYPE II ASTM D-1457.ASTM D-4994 & 95 RESPECTIVELY.
  - B) ELBOWS: DUCTILE CAST IRON CONFIRMS TO ASTM A-395 OR S.G IRON CONFIRMS TO ASTM A-536(60-40-18) OR FABRICATED FROM PIPE CONFIRMS TO ASTM A-106 GR,B SCH 40 OR CAST CARBON STEEL CONFIRMS TO ASTM A-216 GR.WCB.
  - C) FLANGES CONFIRMS TO ASTM A 105 GR,B OR IS 2062. MS PTFE LINED ELBOWS ARE WITH FIXED FLANGE HOWEVER IT CAN BE SUPPLIED AS PER INDIVIDUAL CUSTOMER'S REQUIREMENT.
  - D) A PAIR OF VENT HOLES ARE PROVIDED IN EACH ELBOW
  - E) ELBOWS CAN BE SUPPLIED IN SS AS PER INDIVIDUAL CUSTOMER'S REQUIREMENT.

**Galaxy Thermoplast Pvt. Ltd.**

PTFE, PFA, FEP, ECTFE, PVDF, HDPE, PP lined equipment & other products



CLIENT. :---	DRAWN. KK	24.10.06
REF. :-	CHKD. AK	24.10.06
P.O. NO. :-	APPD. CLIENT.	
EQPT. NO. :-	QTY.:-	SCALE : AS NOTED. SHEET: 1 OF 1
TITLE. :PTFE LINED 45° ELBOW	DRG. NO. :GTPL-002	
	REV. :	0 1 2 3 4