



BFLON LINED VALVES

TECHNICAL DATA SHEET

PLUG VALVE (FLUOROPOLYMER / FEP / PFA LINED)

Format No.: MKT/TDS/21-01

Issue No.: 01

Issue Date : 01/01/2021

Rev. No. : R0

1 CLIENT :	6 ENQUIRY NO. :
2 CONSULTANT :	7 QUOTATION NO. :
3 PROJECT NAME :	8 DATA SHEET NO. : TDS/LBLX1/
4 PROJECT LOCATION :	9 PIPING CLASS :
5 PROJECT NUMBER :	10 TAG NO. :

PROCESS DATA / APPLICATION

11 FLUID / SERVICE : ***	16 OPERATING TEMPERATURE : ***
12 FLUID DENSITY : *** kg/m3	17 OPERATING PRESSURE : ***
13 VISCOCITY : *** Cp	18 DESIGN TEMPERATURE : ***
14 SOLID CONCENTRATION : *** wt%	19 DESIGN PRESSURE : ***
15 NATURE OF FLUID : ***	20 MIN. SERVICE TEMPERATURE : ***

TECHNICAL STANDARD AND DESIGN CONSTRUCTION

21 DESIGN STANDARD : API 599 / BS 5158	27 PRESSURE RATING : 150#
22 TESTING STANDARD : API 598 / BS EN 12266-I	28 LEAKAGE CLASS : CLASS VI (6)
23 END CONNECTION : FLANGED END RF	29 MFG. SIZE RANGE : 1" TO 6"
24 FACE TO FACE : ASME B 16.10	30 OPERATION : LEVER / GEAR
25 FLANGE DRILLING : ASME B 16.5, 150#	31 FLOW DIRECTION : BI-DIRECTIONAL
26 TYPE : CAVITY LESS, FULLY LINED	32 INSTALLATION : HTL / VTL BOTH

MAERIAL OF CONSTRUCTION

PART NAME	MATERIAL			
33 BODY	A 216 GR WCB	A 395 (DUCTILE IRON)	A 351 GR CF8/CF3	A 351 GR CF8M/CF3M
34 PLUG	(CAST CARBON STEEL)	A 216 GR WCB (C.S.)	(S.S. 304/304L)	(S.S. 316/316L)
35 LINING	FEP / PFA	FEP / PFA	FEP / PFA	FEP / PFA
36 TOP/BOTTOM COVER	A 216 GR. WCB	A 395 (DUCTILE IRON)	A 351 GR CF8/CF3	A 351 GR CF8M/CF3M
37 WEDGE RING	PTFE	PTFE	PTFE	PTFE
38 DIAPHRAGM	PTFE	PTFE	PTFE	PTFE
39 DISC SPRING WASHER	SPRING STEEL	SPRING STEEL	SPRING STEEL	SPRING STEEL
40 HANDLE SOCKET	A 216 GR WCB (C.S.)	A 216 GR WCB (C.S.)	A 216 GR WCB (C.S.)	A 216 GR WCB (C.S.)
41 HANDLE ROD	M.S.	M.S.	M.S.	M.S.
42 GASKET	PTFE	PTFE	PTFE	PTFE
43 PUSHER HEX BOLT	S.S.	S.S.	S.S.	S.S.
44 PUSHER HEX NUT	S.S.	S.S.	S.S.	S.S.
45				
46	OTHERS FLUOROPOLYMER / PLASTIC LINING MATERIAL CAN AVAILABLE ON REQUEST			

OPTIONAL ACCESSORIES

PRESSURE TESTING & INSPECTION

47 PNEUMATIC ACTUATOR :	54 BODY (HYDROSTATIC) : 15.0 KG/CM2
48 SOLENOID VALVE :	55 SEAT (HYDROSTATIC) : 11.0 KG/CM2
49 LIMIT SWITCHES :	56 TESTING MEDIA : WATER & ROOM TEMP.
50 AIR FILTER REGULATOR :	57 SEAT (AIR / PNEUMATIC) : 6.0 KG/CM2
51 TUBING & FITTINGS :	58 LINING TEST / SPARK TEST : 15 KV DC
52 MANUAL OVERRIDE :	59 INSEPTION BY : BFLON
53 VALVE POSITIONER :	60 PAINTING : MFG STD

NOTE :

- *** Marked Data Required From Client
- 3rd Party Inspection Charges Borne By Purchaser
- If any Third Party Inspection Clear At The Time of Enquiry
- Any Special Requirements Related To Product Clear In Enquiry



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