



# BFLON LINED VALVES

## TECHNICAL DATA SHEET

### GATE VALVE (FLUOROPOLYMER / FEP / PFA LINED)

Format No.: MKT/TDS/21-01

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|                      |                               |
|----------------------|-------------------------------|
| 1 CLIENT :           | 6 ENQUIRY NO. :               |
| 2 CONSULTANT :       | 7 QUOTATION NO. :             |
| 3 PROJECT NAME :     | 8 DATA SHEET NO. : TDS/LGTX1/ |
| 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/m <sup>3</sup> | 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 600 / ASME B 16.34   | 27 PRESSURE RATING : 150#          |
| 22 TESTING STANDARD : API 598 / BS EN 12266-1 | 28 LEAKAGE CLASS : CLASS VI (6)    |
| 23 END CONNECTION : FLANGED END RF            | 29 MFG. SIZE RANGE : 1" TO 12"     |
| 24 FACE TO FACE : ASME B 16.10                | 30 OPERATION : HAND WHEEL          |
| 25 FLANGE DRILLING : ASME B 16.5, 150#        | 31 FLOW DIRECTION : BI-DIRECTIONAL |
| 26 TYPE : BOLTED BONNET, RISING STEM          | 32 INSTALLATION : HTL / VTL BOTH   |

#### MAERIAL OF CONSTRUCTION

| PART NAME          | MATERIAL  |                  |                   |
|--------------------|---|------------------|-------------------|
| 33 BODY            | A 216 GR WCB  | A 351 GR CF8/CF3 | A 351 GR F8M/CF3M |
| 34 BONNET          | (CAST CARBON STEEL)   | (S.S. 304/304L)  | (S.S. 316/316L)   |
| 35 WEDGE WITH STEM |   |                  |                   |
| 36 LINING          | FEP / PFA   | FEP / PFA        | FEP / PFA         |
| 37 GASKET          | PTFE  | PTFE             | PTEF              |
| 38 GLANAD PACKING  | PTFE  | PTFE             | PTEF              |
| 39 GLAND BUSH      | SS 304  | SS 304           | SS 316            |
| 40 GLAND FLANGE    | CS  | SS 304           | SS 316            |
| 41 SPINDLE NUT     | CS  | CS               | CS                |
| 42 BONNET NUT      | CS  | CS               | CS                |
| 43 HAND WHEEL      | SG IRON   | SG IRON          | SG IRON           |
| 44 HAND WHEEL NUT  | CS  | CS               | CS                |
| 45 FASTENERS       | B7/2H   | SS 304           | SS 316            |
| 46                 | OTHERS FLUOROPOLYMER / PLASTIC LINING MATERIAL CAN AVAILABLE ON REQUEST |                  |                   |

#### OPTIONAL ACCESSORIES

#### PRESSURE TESTING & INSPECTION

|                           |                               |                    |
|---------------------------|-------------------------------|--------------------|
| 47 PNEUMATIC ACTUATOR :   | 54 BODY (HYDROSTATIC) :       | 10.0 KG/CM2        |
| 48 SOLENOID VALVE :       | 55 SEAT (HYDROSTATIC) :       | 10.0 KG/CM2        |
| 49 LIMIT SWITCHES :       | 56 TESTING MEDIA :            | WATER & ROOM TEMP. |
| 50 AIR FILTER REGULATOR : | 57 SEAT (AIR / PNEUMATIC) :   | -----              |
| 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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