



# BFLON LINED VALVES

## TECHNICAL DATA SHEET

WAFER TYPE CHECK VALVE/NRV (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/LBCHV/ |
| 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 : ASME B 16.34               | 27 PRESSURE RATING : 150#           |
| 22 TESTING STANDARD : API 598 / BS EN 12266-I   | 28 LEAKAGE CLASS : LEAKAGE RATE D   |
| 23 END CONNECTION : WAFER TYPE, FLANGELESS      | 29 MFG. SIZE RANGE : 1-1/2" TO 12"  |
| 24 FACE TO FACE : ASME B 16.10 / BS EN 593      | 30 OPERATION : SELF                 |
| 25 MOUNTING BETWEEN : ASME B 16.5, 150# FLANGES | 31 FLOW DIRECTION : UNI-DIRECTIONAL |
| 26 TYPE : SWING TYPE, SANDWICH PATTERN          | 32 INSTALLATION : HTL / VTL BOTH    |

### MAERIAL OF CONSTRUCTION

| PART NAME         | MATERIAL  |                         |                                     |                                       |
|-------------------|---|-------------------------|-------------------------------------|---------------------------------------|
| 33 BODY           | A 216 GR WCB<br>(CAST CARBON STEEL)                                     | A 395<br>(DUCTILE IRON) | A 351 GR CF8/CF3<br>(S.S. 304/304L) | A 351 GR CF8M/CF3M<br>(S.S. 316/316L) |
| 34 BODY LINING    | FEP / PFA   | FEP / PFA               | FEP / PFA                           | FEP / PFA                             |
| 36 DISC (FLAPPER) | WCB + FEP / PFA LINED   | WCB + FEP / PFA LINED   | WCB + FEP/PFA LINED                 | WCB + FEP / PFA LINED                 |
| 37 HOOK BOLT      | C.S.  | C.S.                    | C.S.                                | C.S.                                  |
| 38                |   |                         |                                     |                                       |
| 39                |   |                         |                                     |                                       |
| 40                |   |                         |                                     |                                       |
| 41                |   |                         |                                     |                                       |
| 42                |   |                         |                                     |                                       |
| 43                |   |                         |                                     |                                       |
| 44                |   |                         |                                     |                                       |
| 45                |   |                         |                                     |                                       |
| 46                | OTHERS FLUOROPOLYMER / PLASTIC LINING MATERIAL CAN AVAILABLE ON REQUEST |                         |                                     |                                       |

### OPTIONAL ACCESSORIES

### PRESSURE TESTING & INSPECTION

|    |  |
|----|--|
| 47 | 54 BODY (HYDROSTATIC) : 15.0 KG/CM2        |
| 48 | 55 SEAT (HYDROSTATIC) : 2.0 KG/CM2         |
| 49 | 56 TESTING MEDIA : WATER & ROOM TEMP.      |
| 50 | 57 SEAT (AIR / PNEUMATIC) : NOT APPLICABLE |
| 51 | 58 LINING TEST / SPARK TEST : 15 KV DC     |
| 52 | 59 INSEPTION BY : BFLON                    |
| 53 | 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



Prepared By  
Checked By  
Approved By



BFLON LINED VALVES - Ahmedabad, Gujarat, INDIA.

E-mail: sales@bflonptfinedvalves.com Website: www.bflonptfinedvalves.com