



**Safe-Line™**

High Performance, Safe & Reliable

Brightech Valves and Controls Pvt.Ltd.  
An ISO 9001:2000 Certified Company

**Safe-Line™**, Fully FEP/PFA Lined Safety/Pressure Relief Valves are manufactured with high accuracy to assure the performance of the valve, over protection for unfired pressure vessels/equipments and plant system from dangerously high pressure used with highly corrosive liquid, gases & vapors.

## Features & Benefits.

### High Performance

Safe and more reliable in corrosive services

### Standard Design

Most economical & leadtime advantage over valves made of special alloy steel like hastelloy, titanium etc.

### Cast Ductile Iron Body

with corrosion resistant PU paint with Stainless Steel Fastners

### PTFE Balance Bellows

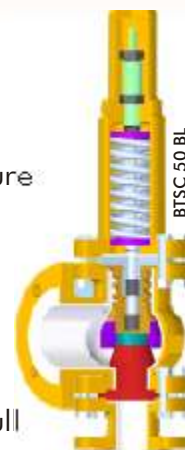
Hermetic seal to valve bonnet and atmosphere, cancels out the effect of superimposed (constant and variable) and built up back pressure

### High Discharge Coefficient

for high flow rate

### Liner Locking

Fully locked in, unpigmented FEP/PFA uniform lining throughout body and face area helps to prevent blowout or collapse of the liner under full vacuum/high pressure



## Construction.

- Direct acting, spring loaded PTFE balance bellows safety relief valve with angle type valve body
- Standard safety valve, design and performance complying with the requirements of ASME Section VIII
- Opening characteristic similar to full lift and streamline-designed flow parts result in high discharge coefficients, thus achieving high discharge capacity
- At very low pressures almost consistent performance
- Resets and shuts off the pipeline/equipments after operation

## Lining Specification.

- **Other Lining Material:** ETFE, ECTFE, PVDF, PP, HDPE
- **Lining Thickness:** Min. 3.0 mm/4.0 mm overall
- **Spark Test:** Body lining is spark tested at 20,000 Volts

**Size Range:** 15mm X 25mm to 100mm X 150mm

**Pressure & Temperature Retting:** Set pressure up to 15 Kg/Cm<sup>2</sup> & max. temperature 180°C

**Center to Face line dimensions:** As per API 526



ISO 9001



QM011

## Brightech Valves and Controls Pvt. Ltd.

Plot No.:- 345, Road No. :- 6, GIDC Kathwada, Ahmedabad 382 430. Phone: +91-79-22902911, 65248816.

Fax.: +91-79-22900538, E-mail: info@brightechvalves.com, Web.: www.brightechvalves.com