

Bianca Butterfly Valve Fluoroplastic lined

Where highest
safety is essential



**Chemical
Industry**



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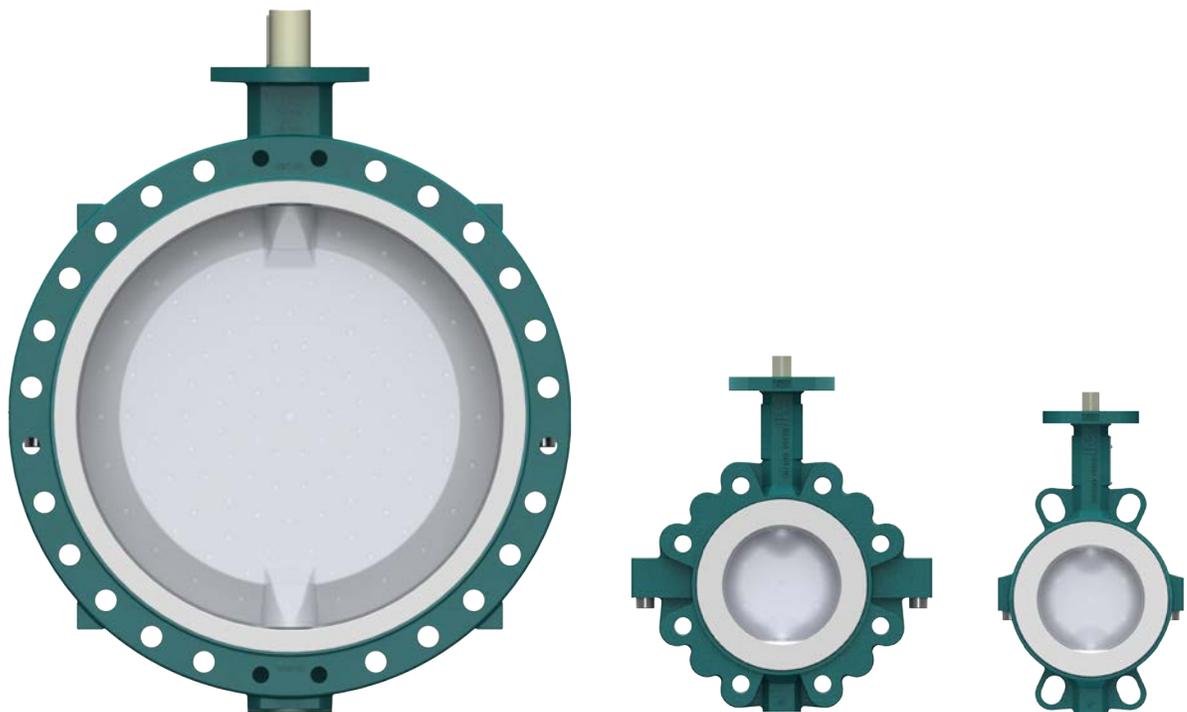
Bianca is the centric Fluoroplastic lined butterfly valve for corrosive and aggressive fluids and high purity applications, available in sizes from 1 ¼" up to 36".

Designed and manufactured for over 20 years in Switzerland, Bianca is built for long lasting use in highly demanding media and environments.

In order to cover the requirements of different industries, Bianca is available with ductile iron, carbon steel and stainless steel bodies.

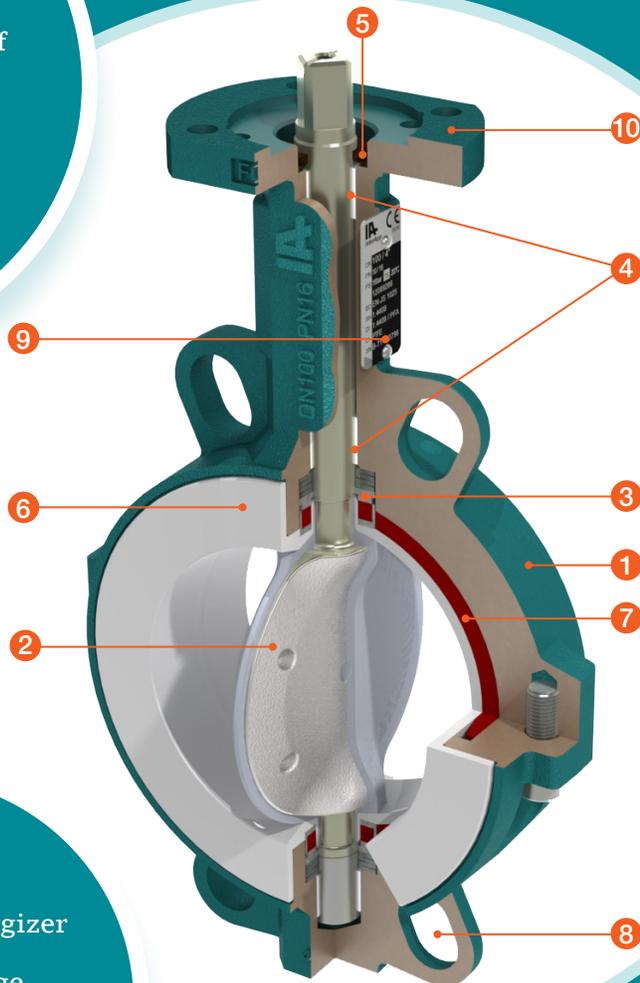
Bianca can also be used in explosive atmospheres with our range of conductive disc and liner materials.

Thanks to our high inventory levels of semi-finished components, our customers can expect short delivery times, even on large sizes up to 36".



State-of-the-art features for optimized technical performance.

1. Two-piece body with long neck to accommodate insulation
2. One-piece, blow out proof disc/shaft
3. Live loaded safety shaft sealing
4. High performance self-lubricating bushing
5. External shaft seal



6. PTFE liner
7. Elastomeric energizer
8. Centering holes for multiple flange connections
9. Stainless steel valve tag according to EN 19
10. ISO 5211 top flange for modular actuator mounting

Best design, highest performance.

Low friction between PFA and PTFE results in less wear of the two different materials and thus to a longer lifetime of the Bianca.

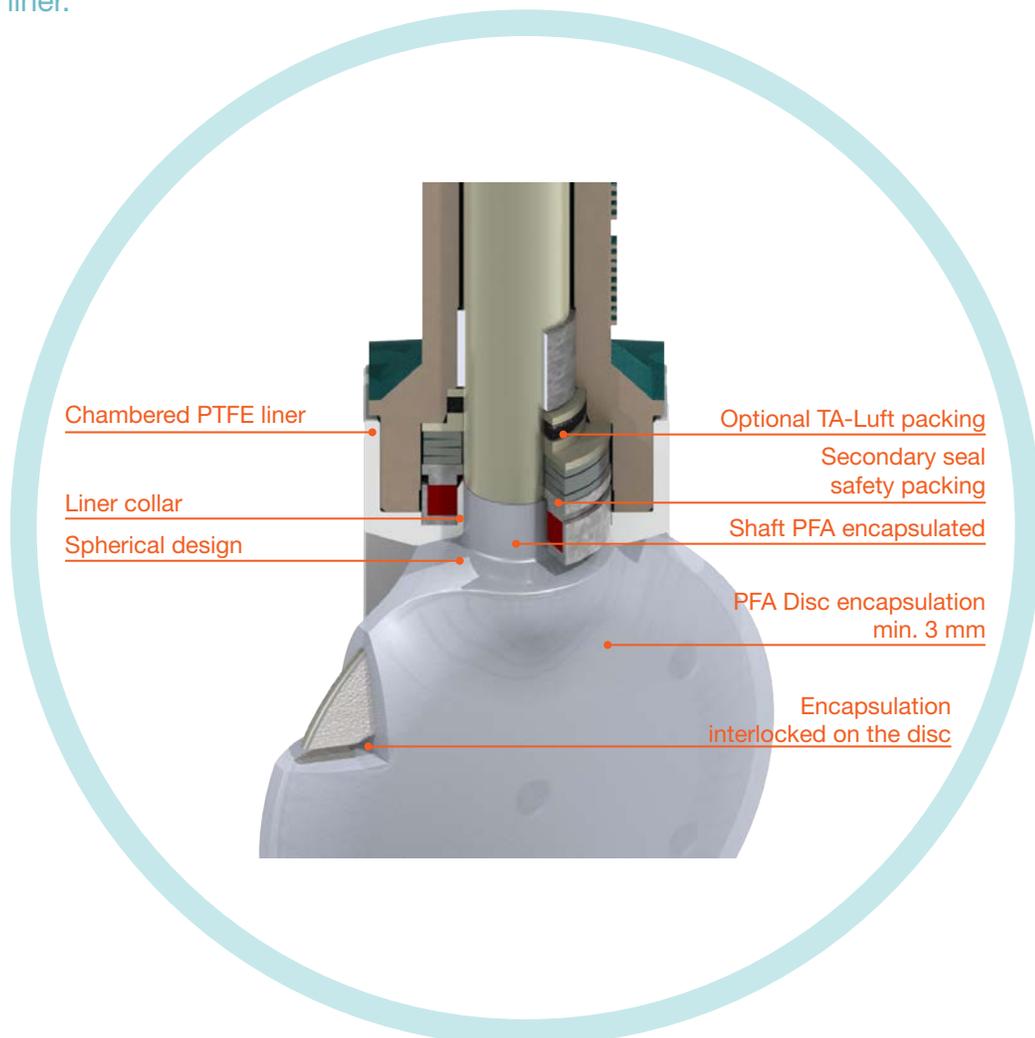
The live loaded self-adjusting safety packing used as shaft sealing guarantees a long lasting secondary tightness around the valve shaft, even in high operating cycle applications.

Using a chambered liner on the flange surface of the valve body prevents leakage at the flanges due to cold flow of the PTFE liner.

Having an elastomeric energizer embedded in the valve body and not in the liner leads to less deformation of the liner.

With Bianca's available PFA encapsulated disc, the PFA infiltrates through holes drilled in the disc forming a true one-piece disc encapsulation.

These features are especially important in demanding installations, such as high operating cycle or higher temperature applications.



Designed and built for shut-off and control of aggressive and corrosive fluids, as well as high purity applications.

Bianca Fluoroplastic lined butterfly valves stand out and make it the ideal valve for aggressive and corrosive fluids, as well as in high purity applications.

- Live loaded self-adjusting safety packing for a perfect shaft seal
- PFA encapsulation mechanically interlocked on the metal disc core
- Chambered liner and embedded elastomeric energizer for the lowest deformation of the PTFE liner
- Lowest friction between disc and liner by using two different materials
- As standard Fluoroplastics according to FDA 177.1550 and EU 10/201



Chemical Processing

Reliability and safety in demanding applications such as production, distribution and surface treatment.



Life Science

Safety, high purity and sterility are paramount when it comes to applications within the Life Sciences segment.



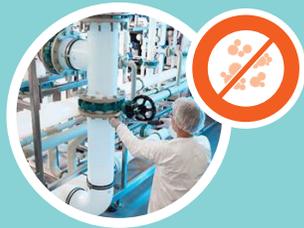
Steel Industry

Bianca is ideal for highly corrosive processes where only a Fluoroplastic lined butterfly valve can be used, such as in pickling lines.



Mining

Bianca for the mining industry covers applications such as acid and solvent extraction of metals and aggressive slurries.



High Purity

Bianca high purity are used where absolute purity is essential and the smallest impurities have to be avoided, such as in the semiconductor industry.



Bioethanol

The combination of highly aggressive acids at high temperatures requires the use of a Bianca Fluoroplastic lined butterfly valve for the production of bioethanol.



Food and Beverage

Where non-adhesive characteristics and the highest purity are critical, we use standard valve components approved according to FDA 177.1550 and EU 10/2011.

www.interapp.net

Headquartered in Switzerland and part of the AVK Group, InterApp develops, manufactures and markets valves and related accessories. As a customer-focused technology company, we supply comprehensive flow-control solutions to the most demanding industries around the world.

