

# Flucast® FX liner

The new Flucast® FX liner enlarges InterApp's range of abrasion resistant liners. It offers chemical resistance to acids and bases.

In order to withstand the attacks of strong bases and acids, InterApp introduces the Flucast® FX liner.

This new liner has an excellent resistance to acids and concentrated bases even at high temperatures, a good behavior with water steam (up to 160 °C) and an excellent resistance to abrasion at high temperatures (> 130°C).

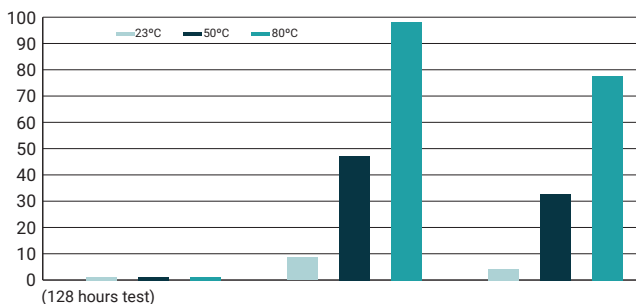
Flucast® FX enhanced properties include:

- **Abrasion resistance according to DIN 53516 < 165 mm<sup>3</sup>.** This means up to twice the abrasion resistance of traditional FPM which is in the range of 330-350 mm<sup>3</sup>.
- **Compression set (24h at 70°C) < 15 %**, which means that the FX liner is able to regain better its original shape at higher temperatures than the traditional FPM.



## Resistance to Concentrated Sodium Hydroxide

Swelling %



	Flucast® X	FPM	FPM with 70% fluorine
23°C	0,0%	8,6%	5,8%
50°C	0,0%	48%	32%
80°C	0,0%	98%	78%

### Products compatible

**Desponia and Desponia plus butterfly valves  
DN 25 – DN 600**

**Working pressure up to 16 bars**

### Typical configurations

- Used in combination with PEKK discs for abrasive products at high temperatures (>130°C)
- With Ultralene™ discs for corrosive products
- With stainless steel discs for steam applications