

Flucast® liners

InterApp Flucast® liners are liners with an exceptional abrasion resistance.

Based on SBR, NBR, standard EPDM, EPDM for high temperature and FPM, six blends have been specially designed to withstand chemically inert powdered products, to resist abrasive conditions, while still providing an excellent resistance to oils and greases or to offer a perfect solution for fluids with suspension solids at high temperatures.

Different blends with different specifications

Flucast® AB/P

This material is an alternative where natural rubber was used. Based on SBR rubber, this blend is specially designed for the resistance to chemically inert powdered products, such as: cements, plasters, concrete mortars, etc. The abrasion resistance can be up to 2-3 times higher than the one of natural rubber.

Flucast® AB/N

Its resistance to highly abrasive products, while still providing a good chemical compatibility with oils and greases makes this liner the right choice for many applications. Its abrasion resistance is more than 30 % higher than the comparable NBR.

Flucast® AB/T

Created for the resistance to aqueous solutions with suspension solids at higher temperatures, this liner maintains the chemical resistance of the EPDM. It presents up to 65 % higher abrasion resistance in comparison to the EPDM High temperature.



Desponia® and Desponia® plus range –
Flucast® liners

Flucast® FX

This liner shows 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). It presents twice the abrasion resistance of traditional FPM.

Flucast® FW

This liner's abrasion resistance is 1.6 times higher than standard white EPDM and it has all the food approvals (European Regulation 1395/2004, FDA 21 CFR 177.2600, BFR XXI Category 4). It is the ideal solution for handling abrasive powder food products such as sugar, flour, milk powder, coffee, rice, etc.

Products range

**Desponia® and Desponia® plus butterfly valves
DN 25 – DN 1600**

Working pressure up to 16 bar

Typical configurations

**Used in combination with PEKK coated discs and
with Ultralene Coating™ overmoulded discs**

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.