Valves for a wide temperature range

60

B

40

-20

80

120



Temperature resistant valve solutions

Temperatures and especially high temperatures pose a significant challenge to butterfly valves and can potentially cause damages and malfunctions.

- Increase in torque and impaired tightness
- Decrease in pressure tolerance
- Damage to disc and body protection
- Decrease in corrosion resistance
- Damage to actuator

To ensure a long service life and high effectiveness of the butterfly valves, the right choice of material is crucial. InterApp offers a wide range of disc, coating, and liner materials specifically tailored for various temperature applications.

Quick selection

Find the suitable material combination based on your application temperature.

										[°C]									
Elastomer l	iners	-60	-4	0 -2	20	0 2	20	40	60	80 I	1(00	120	14	0 16	50	180	200	2
	MVQ																		
	ECO					1	1												
	FPM																		
	Flucast FX						1												
	EPDM						1												
	EPDM-HT						1												
	EPDM-ET						1	+											
	Flucast FT						-						+						
	NBR							-											
	Flucast FN																		
	Flucast FP						1												
TFF liners	+ backliners																		
	PTFE + EPDM																		
	PTFE + FPM																		
	PTFE + MVQ					-		_	_										
	Ultraflon [™] + EPDM									_			_						
	Ultraflon [™] + FPM					1	1	1					-		, 				
	Ultraflon [™] + MVQ					1	1												
isc coatin	g/overmoulding																		
	Ultralene Coating™																		
	Rilsan (Polyamide 11)					1													
	Halar					1													
	Polyurethane					1	1												
	РЕКК				-														
	PFA overmoulded					-													
ody coatir																			
	Fluidised bed Epoxy (R), 200 µm				-	-	1												
	Electrost. powder Epoxy (E), 80 µm					۱ ۱	1					 							
	Liquid spray Epoxy (N) ¹ , 250 µm						1												
	Liquid spray Epoxy (M) ¹ , 330 µm					I	T	1		1									

 $^{\scriptscriptstyle 1)}$ Inside coating of 80 μm

- Metal discs and body can operate across the entire temperature range.
- The maximum temperature specified is for non-corrosive and non-abrasive media. For information on handling corrosive or abrasive media, please refer to the corresponding documents.
- To protect actuators, mounting brackets must be used to decrease heat transfer.

We are there for you. Anywhere, anytime. As an international company with extensive product and project expertise, we support you with our sales partners and our technical support team in all parts of the world.



info@ch.interapp.net www.interapp.net