

# SÜDMO SEAL MATERIAL FFKM

## PERFLUORELASTOMER FOR USE WITH HIGHLY AGGRESSIVE CHEMICALS

### PRODUCT INFORMATION

#### FFKM

Mainly used in pharmaceutical applications, Perfluorelastomer (FFKM) has excellent chemical resistance especially with aggressive or highly concentrated cleaning agents (CIP).

Please note that FFKM in combination with Pentair Südmö valves is not appropriate for use at high temperatures.

Under pressure FFKM will lose its shape or form, which means that high temperatures will lead to a shorter service life of the seals.

#### ADVANTAGES

- Very good chemical resistance
- Large number of certifications (FDA, USP Class VI, EG1935/2004)

#### DISADVANTAGES

- Limited temperature consistency (Continuous operating temperature max. 80°C/176°F)
- Expensive



#### PRODUCT WETTED SEAL MATERIALS

- Profile gaskets: FFKM G75S
- O-Rings: FFKM G74S
- Butterfly Valve gaskets: 75 SIMRIZ 506

#### SHORE HARDNESS

- FFKM G75S: 80 Shore A
- FFKM G74S: 72 Shore A
- 75 SIMRIZ 506: 72 Shore A

#### COLOR

- White

#### CERTIFICATES / APPROVALS

- FDA, § 177.2600 (e,f)
- USP Class VI
- 3-A Standard 18-03- Cl.1
- Free of Bisphenol A und Phthalates
- TSE and BSE free
- EG1935/2004

#### APPROVED OPERATING PRESSURE

- SVP Select 6 bar
- DSV Complete 10 bar
- Butterfly Valves 6 bar

#### OPERATING TEMPERATURES

- Continuous: 0°C – 80°C
- Short time (max. 20 min): 85°C

**In compliance with the above mentioned operating parameters, the mechanical service life of FFKM seals is comparable with our EPDM seals.**

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AVAILABLE SEAL KITS

### SVP Select S 270 - 280 / S 370 - 386

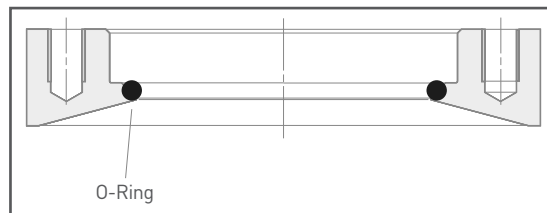
Product Side	FFKM	
SIZES	ID-NO.	PRICE
DN 25/1.0"/ISO 25	2318300	3980,00 €
DN 40/1.5"	2318301	3980,00 €
DN 50/2.0"/ISO 40	2318302	4090,00 €
DN 65/2.5"/ISO 50	2318303	4230,00 €
DN 80/3.0"/ISO 65	2318304	4390,00 €
DN 100/4.0"/ISO 80	2318305	4540,00 €

### SVP Select A 270 - 288 D / A 370 - 386 D

Product Side	FFKM (without diaphragm)	
SIZES	ID-NO.	PRICE
DN 25/1.0"/ISO 25	2318306	430,00 €
DN 40/1.5"	2318307	430,00 €
DN 50/2.0"/ISO 40	2318308	470,00 €
DN 65/2.5"/ISO 50	2318309	490,00 €
DN 80/3.0"/ISO 65	2318310	710,00 €
DN 100/4.0"/ISO 80	2318311	830,00 €

### Additional O-Ring for Weld-in Flanges (Necessary for Bottom Seat Valves)

Product Side	FFKM	
SIZES	ID-NO.	PRICE
DN 25/1.0"/ISO 25	2161273	495,00 €
DN 40/1.5"	2161273	495,00 €
DN 50/2.0"/ISO 40	2161274	550,00 €
DN 65/2.5"/ISO 50	2318167	695,00 €
DN 80/3.0"/ISO 65	2318168	795,00 €
DN 100/4.0"/ISO 80	2318169	980,00 €



### DSV Complete D 601 - 604

Product Side	FFKM	
SIZES	ID-NO.	PRICE
DN 25/1.0"	2318313	7900,00 €
DN 40/1.5"	2318313	7900,00 €
DN 50/2.0"	2318314	7900,00 €
DN 65/2.5"	2318315	9100,00 €
DN 80/3.0"	2318316	9630,00 €

### DSV Complete D 611 - 614

Product Side	FFKM	
SIZES	ID-NO.	PRICE
DN 25/1.0"	2318318	7900,00 €
DN 40/1.5"	2318318	7900,00 €
DN 50/2.0"	2318319	7900,00 €
DN 65/2.5"	2318320	9100,00 €
DN 80/3.0"	2318321	9630,00 €

### Butterfly Valves

Product Side	FFKM	
SIZES	ID-NO.	PRICE
DN 10	2318313	On Request*
DN 15/0.5"/ISO 10	2318313	On Request*
DN 20/0.75"/ISO 15	2318314	On Request*
DN 25/1.0"/ISO 25	2318315	On Request*

\* Scale prices for large order quantities available

All prices are based on the product sided seal kits (spare gaskets) only and not on complete valves.



PENTAIR SÜDMO GMBH

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