Liner: PFA

PFA, Perfluoroalkoxy

PFA has developed into a high performance liner for chemical and process applications.

The PFA liner from Siemens Flow Instruments is the perfect choice for applications within the chemical, food and beverage and pulp and paper thanks to its excellent chemical resistance and temperature resistance.

Application	Capability
Drinking Water	✓
Wastewater	✓
Abrasive Liquids	✓
Chemicals	✓✓✓
Food & Beverage	✓✓✓
Pulp & Paper	✓✓✓

Acid Resistance	Capability
Diluted	✓✓✓
Concentrated	✓✓✓

Wear Resistance	Performance
Abrasion	✓

About PFA

PFA is a perfluoroalkoxy with excellent chemical resistance and high temperature resistance. PFA is moulded directly in the flowmeter tube and is reinforced with a stainless steel tube, resulting in an extremely good mechanical performance during temperature fluctuations and under vacuum pressure conditions.

The robust PFA liner design with stainless steel tube reinforcement withstands high temperatures without deformation.

PFA facts and features

- PFA is highly resistant to chemicals
- The PFA liner tolerates media temperatures of -20°C to +150°C (-4°F to +300°F)
- Highly stable under vacuum pressure conditions
- Index price higher than PTFE.

Products	Nominal size	Medium temperature range	Operating pressure	Drinking water or hygienic approvals
MAG 1100	DN 10...DN 100 (3/8"...4")	-30/+130°C (-20/+270°F)	0.02-20 bar (0.3-290 psi)	
MAG 1100 F	DN 10...DN 100 (3/8"...4")	-30/+130°C (-20/+270°F)*	0.02-20 bar (0.3-290 psi)	Hygienic
MAG 3100	DN 25...DN 100 (1"...4")	-20/+100°C (-4/+212°F)	0.01-50 bar (0.15-725 psi)	
MAG 3100 HT	DN 25...DN 100 (1"...4")	-20/+150°C (-4/+300°F)	0.01-50 bar (0.15-725 psi)	
MAG 3100 P	DN 25...DN 100 (1"...4")	-20/+150°C (-4/+300°F)	0.01-50 bar (0.15-725 psi)	

***Suitable for steam sterilization at +150°C (+300°F)**