

Liner: PTFE

PTFE, Polytetrafluoroethylene



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About PTFE

PTFE is a polytetrafluoroethylene, which is an extruded tube inserted in the flowmeter without bonding. The ends are bevelled and form the flange face.

The PTFE liner can be adversely affected by exposure to vacuum pressure.

PTFE facts and features

- Smooth surface
- Small risk of deposits in the liner
- Liner with best chemical resistance
- High and low temperature capability – tolerates media temperatures from -20°C to +180°C (-4°F to +356°F)
- Higher index-priced liner.

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

Acid Resistance	Capability
Diluted	✓✓✓
Concentrated	✓✓✓

Wear Resistance	Performance
Abrasion	✓

Products	Nominal size	Medium temperature range	Operating pressure	Drinking water or hygienic approvals
MAG 3100	DN 15...DN 600 (1/2"...24")	-20/+100°C (-4/+212°F)	DN ≤ 300: 0.3-50 bar (4-725 psi) 350 ≤ DN ≤ 600: 0.3-40 bar (4-580 psi)	
MAG 3100 HT	DN 15...DN 300 (1/2"...12")	-20/+130°C (-4/+266°F) -20/+180°C (-4/+356°F)*	0.3-50 bar (4-725 psi)	
MAG 3100 P	DN 15...DN 300 (1/2"...12")	-20/+130°C (-4/+266°F)	0.3-50 bar (4-725 psi)	
911/E	DN 15...DN 600	-20/+150°C (-4/+300°F)	0.3-40 bar (4.3-580 psi)	

*Factory mounted grounding rings type E.