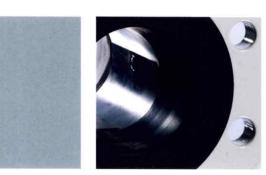
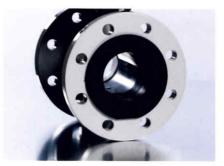
EPDM, Ethylenepropylenediene Rubber







EPDM – a perfect choice for drinking water applications.

The EPDM liner from Siemens Flow Instruments is the

preferred liner for drinking water applications.

About EPDM

EPDM rubber (ethylenepropylenediene rubber) is an elastomer, which is characterized by a wide range of advantages, making it especially suitable for drinking water applications.

EPDM is a hand lined bonded liner with the stainless steel inner tube of the sensor as support.

In the MAG 5100 W, DN 50 to DN 300 (2" to 12") flowmeters the liner is moulded, with a stainless steel reinforcement net. EPDM has excellent properties for drinking water applications.

EPDM facts and features

- Many country specific drinking water approvals
- · Can be used for some chemicals, where PTFE or PFA is not required
- Can be used for some food and beverage applications with pipe sizes greater than DN 100/4"
- Not to be used for wastewater applications, where hydrocarbons can be present.

Capability	
111	
1	
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11	
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Acid Resistance	Capability
Diluted	111
Concentrated	1

Wear Resistance	Performance
Abrasion	/

Products	Nominal size	Medium temperature range	Operating pressure	Drinking water or hygienic approvals
MAG 3100	DN 25DN 2000 (1/2"78")	-10/+70 °C (+14/+158°F)	0.01-40 bar (0.15-580 psi)	Drinking water
MAG 5100 W	DN 25DN 1200 (1/2"48")	-10/+70 °C (+14/+158°F)	Full bore sensor: DN 25DN 40 (1"1 1/2") 0.01-40 bar (0.15-580 psi) Coned bore sensor: DN 50DN 300 (2"12") 0.03-20 bar (0.44-290 psi) Full bore sensor: DN 350DN 1200 (14"48") 0.01-16 bar (0.15-232 psi)	Drinking water
MAG 8000	DN 25DN 600 (1"24")	0/+70 °C (+32/+158°F)	Full bore sensor: DN 25DN 40 (1"1 1/2") 0.01-40 bar (0.15-580 psi) Coned bore sensor: DN 50DN 300 (2"12") 0.03-20 bar (0.44-290 psi) Full bore sensor: DN 350DN 600 (14"24") 0.01-16 bar (0.15-232 psi)	Drinking water