

Siemens Flow Instruments – Sitrans F M Liner Sur

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Properties	PFA	PTFE	Neoprene	EPDM	NBR
Other names	Perfluoroalkoxy	Polytetrafluoroethylene	Polychloroprene	Ethylenepropylenediene	Nitrile Bu
General Attributes	Excellent chemical resistance, withstands high temperatures without deformation.	Excellent chemical resistance.	Performs well in contact with oils and many chemicals.	Drinking water and many other media than hydrocarbons (oil, tar, graese)	Excellent and gene applicati
Wear Resistance	✓	✓	✓✓	✓	
Applications					
Drinking Water	✓	✓	✓	✓✓✓	
Wastewater	✓	✓	✓✓✓	✓	
Abrasive Liquids	✓	✓	✓✓	✓	
Chemicals	✓✓✓	✓✓✓	✓	✓✓	
Food & Beverage	✓✓✓	✓✓✓		✓✓	
Pulp & Paper	✓✓✓	✓✓✓			
Acid Resistance					
Diluted	✓✓✓	✓✓✓		✓✓✓	
Concentrated	✓✓✓	✓✓✓		✓	
Temperatures					
Maximum	300°F	356°F	158°F	158°F	
Temperature	150°C	180°C	70°C	70°C	
Availability					
MAG 1100	Yes				
MAG 1100 HT					
MAG 1100 F	Yes				
MAG 3100	Yes	Yes	Yes	Yes	
MAG 3100 HT	Yes	Yes			
MAG 3100 P	Yes	Yes			
MAG 5100 W				Yes	
MAG 8000				Yes	
911/E		Yes	Yes		