



ROSEMOUNT MAGNETIC FLOW METERS NOW AVAILABLE WITH NEW PEX LINER

Reliable and robust liner for use in general-purpose or abrasive applications.

PEX Liner for Rosemount™ 8750W, 8705, and MS Magnetic Flow Meters offers increased application flexibility.

Rosemount Magnetic Flow Meters

Rosemount Magnetic Flow Meters are state-of-the-art devices designed to accurately measure the flow rate of conductive liquids or slurries. With no moving parts and zero pressure drop, they are ideal for various industrial and municipal applications where reliability, accuracy, durability, and a maintenance-free operation are essential.

Selecting the right liner for your sensor is crucial to ensuring optimal performance and longevity. The liner material must be carefully chosen based on factors such as chemical compatibility, abrasion resistance, and temperature limits.

Introducing the new PEX Liner

PEX is a cross-linked high-density polyethylene material known for a variety of advantages making it ideal for general purpose water applications, wastewater applications, mining slurries, and more.

PEX Liner Features

- **PFAS-free formulation** for environmental sensitivity.
- **Extreme abrasion resistance** properties making it an ideal solution for slurries and harsh applications.
- **Highly effective chemical resilience** suited for a wide range of applications.
- **Tolerates high-temperature variations** up to 203 °F (95 °C).



Rosemount 8705 Flanged Magnetic Flow Meter Sensors



Rosemount 8750W Magnetic Flow Meters for Utility Water Applications.



PFAS-Free Formulation

The PEX liner provides a capable PFAS-free alternative liner that eliminates forever chemicals.



Superior Abrasion Resistance

The PEX liner is specifically tailored for rigorous slurry, process, and utility measurements.



Exceptional Chemical Compatibility

The PEX liner offers excellent chemical resistance to a wide variety of chemicals and processes.



Temperature Endurance

The PEX liner is capable of withstanding process temperatures up to 203°F (95°C).

ROSEMOUNT MAGNETIC FLOW METERS

PEX Liner Specifications

Available Sensors	8750W, 8705, MS
Available Line Sizes	1–8 in. (excluding 1.5 in.)
Available Flange Rating	ASME B16.5 - 150# & 300# Flanges
Operating Temperature	203 °F (95 °C)
Chemical Resistance	Excellent
Abrasion Resistance	Excellent
NSF-61 DW Approvals	Yes, NSF-61 Drinking Water Approved

Related Products



[Rosemount 8750W Magnetic Flow Meters for Utility Water Applications](#)



[Rosemount MS Magnetic Sensor for Slurry Applications](#)



[Rosemount 8705 Flanged Magnetic Flow Meter Sensors](#)

For more information, visit
[Emerson.com/MagneticFlowMeters](https://emerson.com/MagneticFlowMeters)

The Emerson logo is a trademark and service mark of Emerson Electric Co.
Brand logotype are registered trademarks of one of the Emerson family of companies.
All other marks are the property of their respective owners. ©2025 Emerson Electric Co. All rights reserved.

00807-0700-3939 Rev AB

ROSEMOUNT[™]


EMERSON[™]