

In-line Pressure Filter

System Components

General

In-line Pressure Filters provide a compact lightweight in-line filter for reliable economic protection of critical components. These In-line pressure filters are commonly used in air-oil panel assemblies.

Application

Assemblies are specially designed for easy in-line installations. They can be used with a variety of medias; e.g. hydraulic, oil lubricants, etc. The filters are suitable for continuous delivery, as well as cyclic operation conditions.

Features

- + 304 stainless steel microweave filter element has controlled pore size for precise contaminant removal from 5 microns.
- + The pleated 304 stainless steel element design has much greater surface area and dirt holding capacity than simple flat discs.
- + Unlike felt media, the continuous strands of high-strength stainless steel wire mesh are welded to the housing to prevent downstream contamination.

Technical Data

Maximum Operating Pressure	6000 psi (414 bar)
Operating Temperature Range	-320°F to 800°F (-196°C to 427°C)
Filter Size	1"
Filtering Characteristics	5P micron (nominal) ratings particle stoppage
Max Flow	Up to 5 gpm
Oil Viscosity	100 to 2000 SSU
Materials	304 stainless steel (housing), 304L porous sintered stainless steel (filter element)

Installation

All filters must be installed in a vertical position for settling of contaminants. In centralized oil lubrication systems, filters must be installed in the main distribution line between the lubricator and the first application points. This is a non-bypass filter, therefore pressure down stream will drop and flow will be reduced as it clogs. Recommend a downstream pressure gauge or cycle switch to monitor flow.

Maintenance

Since these filters are designed to remove contaminants they should be replaced at regular intervals to ensure maximum efficiency (2000 hour evaluation or replacement). This is a non-serviceable element.



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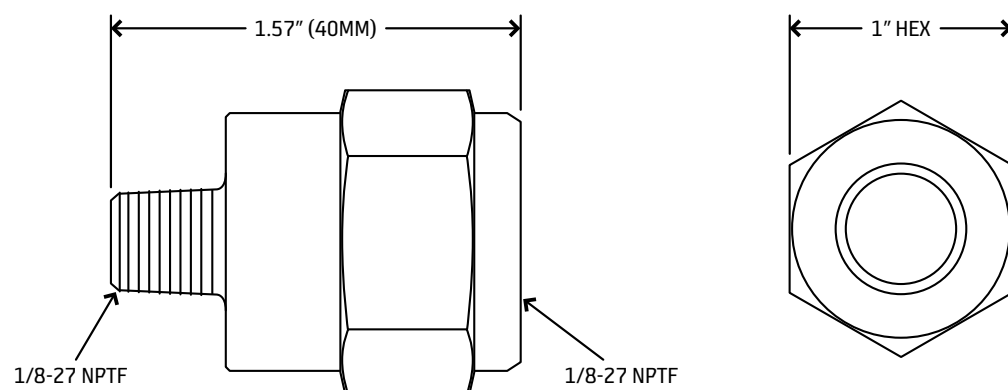
How To Order

Name	Filter Characteristics	Part #
In-line Pressure Filter	5P micron	26487

When ordering, specify by name, description and part number, e.g. In-line Pressure Filter, 5P micron filter, Part #26487.

Dimensional Schematics

Measurements shown in inches.



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