

# High Pressure Inline Filter 12S Series

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**Part #: 12SMP102QHENN811**
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Parker's 12S High Pressure Stainless Steel Inline Filters are ideal for heavy duty applications in aggressive environments. Allowable operating pressure of 20,000 psi/1,380 bar and capable of flows up to 25 GPM/95 LPM depending on viscosity.

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## Technical Specifications

Indicator Type:	No indicator, no pressure port	Bypass Valve Pressure Rating:	N/A
Options:	No bypass	Port Type:	1/2 NPTF
Bypass Valve Pressure Rating:	N/A	Indicator Type:	No indicator, no pressure port
Filter Element:	2 micron microglass	Indicator Pressure Setting:	N/A
Seal Material:	Ethylene Propylene	Options:	No bypass
Port Connection Type:	1/2 NPTF	Housing Material:	Stainless Steel 316L
Flow Rate:	10 gpm (37.8 lpm)	For Fluid Type:	Phosphate Ester Based Fluid
Mounting Style:	Inline	Maximum Operating Temperature:	225 F (107 C)
Pressure Rating:	10000 psi (689 bar)	Weight:	14 lbs (6.35 kg)
Flow Rate:	10 gpm (37.8 lpm)	Compatible Element:	403482
Filter Element Type:	2 micron microglass, Cartridge	Product Type:	Hydraulic Filter
Seal Material:	Ethylene Propylene		

[Safety Warning](#)

## Item Information

The 12S Series is designed to meet the growing demand for high-pressure systems. Stainless Steel construction engineered to handle flow rates of up to 25 GPM/95 LPM at 20,000 psi/1,380 bar working pressure, Parker's 12S Filter Series designed to perform in harsh environments.

High strength Microglass elements withstand differential pressures up to 2,000 psid/138 bar to ensure system reliability and protect critical equipment from contamination.

### Product Features:

- 316L stainless steel construction
- Diverse porting options adapt to your system
- Light weight design for ease of changeouts
- High strength multi-layer Microglass filter elements
- 100% pressure tested
- Maximum pressure 20,000 psi/1,380 bar. Maximum flow 25 gpm/95 lpm

### Typical Applications:

- Offshore Drilling
- DI Water Fogging

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