

SFM Series

Medium-Pressure Inline Filters for Mobile and Industrial Hydraulic Applications - Available in Multiple Different Versions and Sizes

- Up to 280 bar (4061 PSI)
- Up to 100 l/min (26.42 US GPM)
- Weight savings of up to 15 percent compared to high-pressure filters of the same size

Introduction

The SFM Series Medium-Pressure Inline Filters from STAUFF provide robust performance in a compact, lightweight design. They protect hydraulic components and systems by reliably contaminants from the oil flow before they can cause malfunctions or premature wear.

Compared to equivalent high-pressure filters, they are significantly lighter, making them a cost-effective solution where reduced component weight is essential.

The robust housing made from carbon steel, finished with a durable powder coating as standard, ensures reliable protection during transport and operation.

Equipped with high-quality STAUFF replacement filter elements from the proven SE Series, the SFM Series offers a wide choice of options.



Product Characteristics

- Maximum working pressure up to 280 bar (4061 PSI)
- Maximum flow rates up to 100 l/min (26.42 US GPM)
- Housing manufactured from Carbon Steel
- Powder-coated surfaces as standard for maximum protection during transport and operation – available with custom colours (e.g. according to RAL or NCS standards) to match customer requirements (depending on volumes)
- Sealings made from NBR (Perbunan®) – alternative sealing materials available upon request
- Suitable for mineral-based hydraulic and lubrication oils and biodegradable fluids (consult STAUFF before use if unsure)

Product Features

- Cost-effective and lightweight alternative to larger and heavier high-pressure filters – particularly for mobile applications, where reduced component weight directly lowers overall operating costs
- Compact and space-saving design
- Robust construction, typically designed with a three-fold safety factor on the maximum working pressure
- Equipped with premium replacement filter elements from the well-established STAUFF SE Series, offering a wide choice of filter media and micron ratings for application-specific optimisation