

Technical Data

STAUFF RIF48 series return filters are designed for in-line hydraulic applications with a maximum operating pressure of 20 bar (300 PSI). **The RIF48 series in-line filter meets the HF4 Automotive Standard.**



Technical Specification

Construction	In-line assembly
Filter head	Die cast aluminium
Element case	Steel
Seals	O-Rings NBR (Buna-N®) FPM (Viton®)
Port connections	BSP, NPT, SAE "O"-Ring thread or SAE Code 61 flange
Flow rating	up to 380 l/min (100 US GPM) for 32 cSt (150 SUS) fluids
Operating pressure	max 20 bar (300 PSI)
Burst pressure	min 70 bar (1000 PSI)

Temperature range	-29°C to +107°C (-20°F to +225°F)
By-pass valve	Allows unfiltered oil to by-pass the contaminated element once the opening pressure has been reached
By-pass setting	2.8 bar (40 PSI)
Clogging indicators	standard actuating pressure 2.8 bar (40 PSI) indicators types: visual and electrical (AC and DC voltage versions)
Filter elements	Flow characteristics see page F32
Media	Mineral oils, other fluids on request