



Description

Used mostly in our kidney loop systems and workshop applications, Lubrigard’s low-pressure lube filter efficiently removes contaminants like dirt and debris to protect machinery and maintain optimal lubrication. Built for reliability and durability, it’s the perfect solution for low-pressure applications requiring clean and consistent oil filtration.

Upgrade to the future: cartage vs. spin-on

Is the outdated spin-on filter still capable of meeting today’s rigorous market demands? The answer is clear: it’s time to leave wasteful spin-ons behind. Switch to the innovative LPF200 low-pressure filter, designed to deliver what the future demands. With a compact design, superior performance, maximum reliability, and simplified maintenance, the LPF200 offers unmatched cost savings and meets the most stringent environmental regulations. Experience the high-capacity, future-proof solution that redefines filtration standards - because the future of performance is here.

Product specifications

Filter housing construction:

- The filter housings are designed in accordance with international regulations. They consist of a filter head and a screw-in filter bowl. Filter head equipped with bypass valve and pop-up indicator.

Filter element:

- Lubrigard’s filter elements are validated and their quality is constantly monitored for optimal service life and performance.

Filter Specifications

Nominal pressure	50 bar
Temperature range	-10 °C to +80 °C
Material of filter head	Aluminium
Material of filter bowl	Aluminium
Type of clogging indicator	2.5 bar pop up type
Bypass cracking pressure	3.5 bar
Max Flow	130 L/min

FiberShield Series - LPF200C150

LPF200	3µm	5µm	10µm	20µm
C150	41,3	47,4	47,4	49,4

Contamination retention capacities in grams (g)



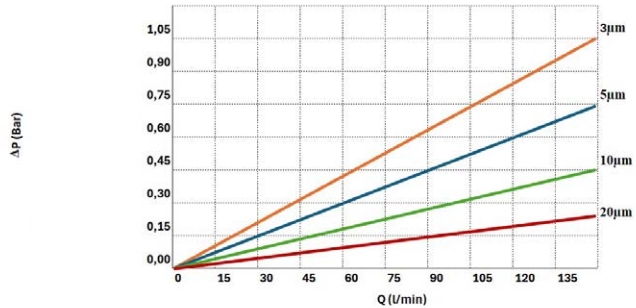
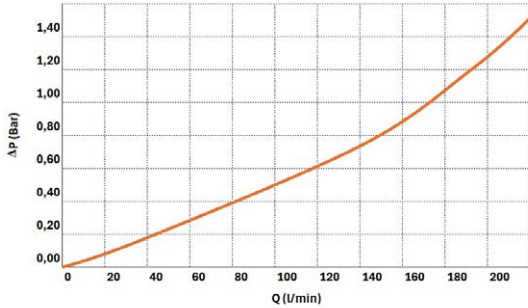


Filter housing construction – G 3/4

The housing curves are designed for mineral oil with a density of 0.86 kg/dm³ and a kinematic viscosity of 30 mm²/s. In this scenario, the differential pressure varies in direct proportion to the density.

Gradient coefficient (SK) for filter element

The gradient coefficients, measured in mbar/(l/min), are applicable to mineral oils with a kinematic viscosity of 30 mm²/s. The pressure drop varies proportionally with changes in viscosity.



FiberShield series	Media material	Filtration efficiency	Micron rating	Max flow	Seals	Internal
LPF200C150	Glass fiber	$\beta \times(c) = 1000$	03μm 05μm 10μm 20μm	130 L/min	NBR - perbunan	Wire support with netting

