

# Betterfit Diesel Filter Element Series

## Introduction

The filter elements in the Betterfit Diesel filter element series are particularly suitable for removing particulate and water from diesel fuels. The Optimicron® diesel media with Helios pleated geometry is applied, which was developed especially for use with diesel fuels.

## Features

- Good price/performance ratio
- Lower maintenance costs due to longer service lives
- Significant reduction in pressure loss and intergrated pleat stabilization due to Helios pleated geometry
- High level of fluid cleanliness due to graduated structure of depth filter
- High contamination retention due to large depth effect of the filter material
- High media compatibility
- Filter element geometry suitable for use in housings made by other manufacturers



Betterfit Element Series

## Applications

The Betterfit Diesel Filter Element Series are used in the following applications:

- Diesel Filtration, particularly in diesel storage, transport and refueling applications
- Mining
- Refineries
- Chemical Industry

## Technical Data

General Data	
<b>Filter Element Length, Typical:</b>	20", 40", 60" (others on request)
<b>Particulate Filtration Rating:</b>	5, 10, 20 µm (others on request)
<b>Filtration Efficiency:</b>	>99.9% for particulate, >95% for Water
<b>Permissible Fluid Temperature:</b>	14°F (-10°C) to 176°F (80°C)

**Schroeder**  
**INDUSTRIES**

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## Filter Model Number Selection

### How to Build a Valid Model Number for a Schroeder Betterfit® Element:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6
1.25					

**Example:** NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6
1.25	60	D	05	ON/DF	V

= 1.2560D05ON/DFV

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6
<b>Filter Element Type</b>	<b>Length</b>	<b>Version</b>	<b>Filtration Rating</b>	<b>Filter Media</b>	<b>Seal Type</b>
1.25 = Pall HFU6 1.32 = Pall LCS 1.33 = Pall LSS 15.01 = Velcon DFO 15.03 = Velcon I 15.04 = Velcon SO 4.15 = Parker HFS 4.17 = Parker HCP 4.18 = Parker HSP 45.01 = Faudi A.4 45.02 = Faudi 60	20 = 20" 40 = 40" 60 = 60"	D = Standard	05 = 5 µm 10 = 10 µm 20 = 20 µm	ON/DF = Optimicron® Diesel Filtration  ON/DC = Optimicron® Diesel Coalescing  ON/DS = Optimicron® Diesel Separation	V = Viton

## Notes

Maximum differential pressure  $\Delta P_{max}$  and permitted temperature range on the filter element.

### Filter Element Type: 1.25

Fluid Temperature	Filter Material ON/DF
14°F (-10°C) to 122°F (50°C)	29 psi (2 bar)

### Filter Element Type: 4.15

Fluid Temperature	Filter Material ON/DF
14°F (-10°C) to 140°F (60°C)	87 psi (6 bar)

### Filter Element Type: 15.01

Fluid Temperature	Filter Material ON/DF
14°F (-10°C) to 140°F (60°C)	87 psi (6 bar)

## Cross Reference

Part Number	Model Code	Competitor	Competitor Code
Contact Factory	1.25.20 D 03 ON/DF /-V	Pall	HFU620GF020H13
Contact Factory	1.25.20 D 05 ON/DF /-V	Pall	HFU620GF060H13
Contact Factory	1.25.20 D 10 ON/DF /-V	Pall	HFU620GF100H13
Contact Factory	1.25.40 D 03 ON/DF /-V	Pall	HFU640GF020H13
3829783	1.25.40 D 05 ON/DF /-V	Pall	HFU640GF060H13
3877700	1.25.40 D 10 ON/DF /-V	Pall	HFU640GF100H13
3882380	1.25.40 D 20 ON/DF /-V	Pall	HFU640GF200H13
3828184	1.25.60 D 05 ON/DF /-V	Pall	HFU660GF060H13
3877699	1.25.60 D 19 ON/DF /-V	Pall	HFU660GF100H13
3952283	1.25.60 D 20 ON/DF /-V	Pall	HFU660GF200H13
3875491	1.32.20 D Z ON/DC /-V	Pall	LCS2H1AH
3875488	1.32.40 D Z ON/DC /-V	Pall	LCS4H1AH
3875110	1.33.20 D Z ON/DS /-V	Pall	LSS2F2H
3872179	15.01.29 D 05 ON/DF /-V	Velcon	DFO-629PLF6
3907748	15.03.44 D Z ON/DC /-V	Velcon	I-6444 TB
3907750	15.04.29 D Z ON/DS /-V	Velcon	SO-629PLF3
3866983	4.15.28 D 05 ON/DF /-V	Parker	HFS-28605-S
3907751	4.17.43 D Z ON/DC /-V	Parker	HCP-43601-TB
3907752	4.18.33 D Z ON/DS /-V	Parker	HSP-33605-S
3907754	45.01.33 D Z ON/DC /-V	Faudi	A.4-842
3907753	45.02.40 D Z ON/DS /-V	Faudi	60.644-1012

**Note: For other cross references not included on this list, please contact factory.**