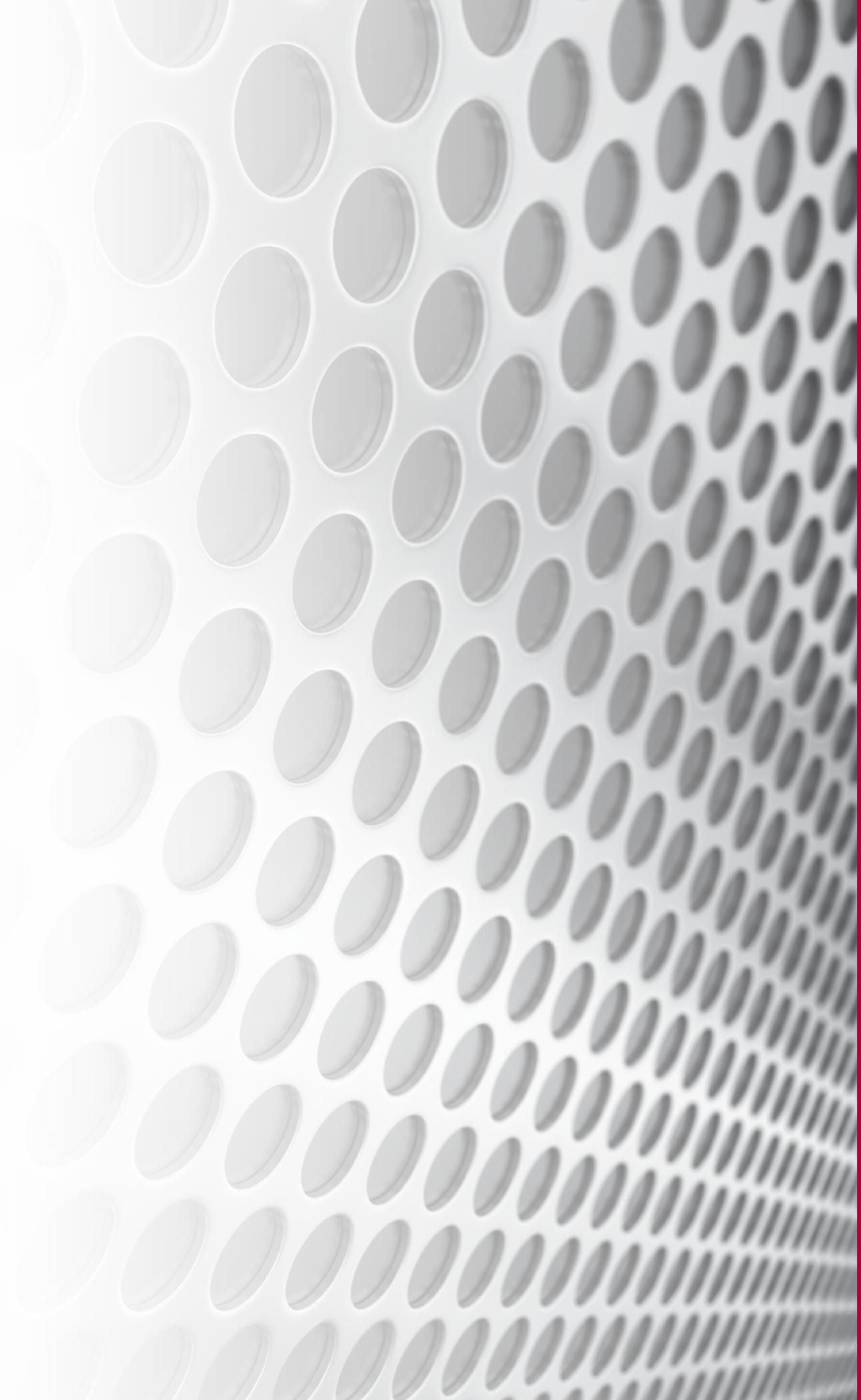


Section 7:

COALESCING ELEMENTS



Betterfit Elements



Features and Benefits

- Good price/performance ratio
- Lower maintenance costs due to longer service lives
- Significant reduction in pressure loss and integrated 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

Description

The filter elements in the Betterfit Diesel filter element series are particularly suitable for removing particles of dirt from diesel fuels. In this process, the Optimicron® diesel material with Helios pleated geometry is applied, which was developed especially for use with diesel fuels.

- Kaydon
 - Parker
 - Facet
 - Gulfgate
- Murphy
 - Racor
 - Velcon
 - And others

* Contact Factory for Crossovers not listed.

www.schroederindustries.info/crossreference.aspx or please contact factory.

Element Specifications

Differential Pressure Rating:	Up to 75 psid (dependent on part number)
Maximum Operating Temperature Range:	225°F (°C)
End Cap Material:	Plated Aluminum *Threaded base elements have injection-molded, glass filled nylon end caps
Center Tube Material (when included):	Plated Steel
Seal Material:	Buna N (other materials available upon request)
Filter Element Length, Typical:	20", 40", 60" (others on request)
Filtration Rating:	5, 10, 20 µm (others on request)
Degree of Separation:	> 99.5%
Permissible Fluid temperature	14°F to 176°F (-10°C to 80°C)

Notes: See PDF document of coalescing elements cross reference by manufacture and Betterfit Cross reference for specific inquires at www.schroederindustries.com

Betterfit Elements

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

Element Specifications

Betterfit Elements

Filtration



Filter: Optimicron® ON/DF

BetterFit filter elements for diesel applications have been specially developed to filter high volumes of contamination from diesel fuel. The meshpack is made from the latest Optimicron® Diesel material and incorporates the innovative Helios technology for:

- Excellent dirt holding capacity
- Stable pleat structure
- Low Δp

Dewatering



Coalescer: Optimicron® ON/DC

BetterFit dewatering elements use materials specifically designed for coalescing and for separating water from diesel:

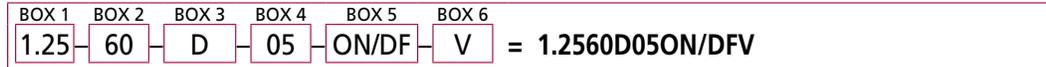
- Optimicron® Diesel element technology for possible two stage dewatering
- Coalescer elements with high efficiency pleated materials
- Separator elements with new innovative coating for safe water separation
- The Optimicron® Diesel element technology enables secure and efficient dewatering even when the water content of the diesel is low

Filter Model Number Selection

How to Build a Valid Model Number for a BetterFit Element:



Example: NOTE: One option per box



BOX 1	BOX 2	BOX 3	BOX 4
Filter Element Type	Length	Version	Filtration Rating
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" *for others, contact factory	D = Standard	05 = 5 μm 10 = 10 μm 20 = 20 μm
		BOX 5	BOX 6
		Filter Material	Sealing Material
		ON/DF = Optimicron® / Diesel Filtration ON/DC = Optimicron® / Diesel Coalescing ONDS = Optimicron® / Diesel Separation	V = FPM (FKM, Viton®)