



# Product-Range

Hydraulic Filtration for Highest Performance

purifying our planet

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# Hengst Filtration Product-Range

We provide a complete product range of hightech filters and filter elements for the most stringent applications. For every application you will find the right solution for the filtration of hydraulic fluids, lubricating oils, industrial fluids and gases.

Our broad portfolio ensures optimal operating conditions throughout the entire life cycle, thus reducing the total cost of ownership. As with all products and solutions, we also consistently comply with international norms and standards. This opens up the technical advantages of our filter technology for all applications, regardless of the original equipment manufacturer. Our closeknit global sales and service network provides short communication channels and expert advice at all times.



# With Know-how and Experience





**Established in 1958 | Family business for three generations**  
**21 locations on 5 continents | 3.500 employees**





The name Hengst is known throughout the world for people with passion, lean structures, innovative technologies and operational excellence. All of these qualities have made us a leading, internationally recognised development partner and series supplier of filtration technology for vehicle and engine manufacturers, as well as for industry and the consumer goods sector. With a network of 21 locations in Germany, Brazil, China, Denmark, India, Poland, Singapore, the United Arab Emirates, USA and Australia we are a reliable partner for manufacturers and customers worldwide.

Strategically positioned locations ensure optimal market and customer proximity and enable us to react quickly at any time and to deliver the latest filtration technology on short, environmentally friendly transport routes with pinpoint accuracy. Through the use of consistent quality standards, our customers can rely on top quality at all the development, production and sales locations.



## RETURN LINE FILTERS





Type	10TE(N)	10TD(N)	110LE(N)
			 
<b>Size</b>	0040 - 2500	0040 - 2500	0040 - 0400
<b>Data sheet</b>	RE 51424	RE 51454	RE 51448
<b>Max. Flow rate</b> l/min (gpm)	1300	1300	450
<b>Max. Pressure</b> bar (psi)	10	10	110
<b>Replacement Filter Element</b>	1.0040 - 2500	1.0040 - 2500	2.0040 - 0400
<b>Generation</b>		-1X	-2X

Type	50LD(N)	150LD(N)	210 / 250LD(N)
			 
<b>Size</b>	0040 - 0400	0040 - 0400	0040 - 0400
<b>Data sheet</b>	RE 51453	RE 51446	RE 51484
<b>Max. Flow rate</b> l/min (gpm)	450	450	450
<b>Max. Pressure</b> bar (psi)	50	160	160
<b>Replacement Filter Element</b>	2.0040 - 0400	2.0040 - 0400	2.0040 - 0400
<b>Generation</b>			

## FILTER ELEMENTS

Type	Hengst Filter Elements	Wire Mesh Filter Elements
		
<b>Size</b>	Various sizes	Various sizes
<b>Data sheet</b>	Reser online catalog	Reser online catalog
<b>Max. Differential Pressure</b> bar (psi)	Up to 330	Up to 330
<b>Features</b>		
<b>Generation</b>		

## INLINE FILTERS






245LE(N)	250LEN	350LE(N)	445LE(N)
			
			
0040 - 0400	0040 - 0400	0040 - 1000	0040 - 1000
RE 51421	RD 51425	RE 51422	RE 51423
450	450	700	700
250	250	350	450
2.0040 - 0400	2.0040 - 2.0400	2.0040 - 1000	2.0040 - 1000
	-2X		




## DUPLIX FILTERS





400LD(N)	50FLDK	63FLDK	40FLD / 40FLD(N)	100FLD(N)
				
				
0040 - 1000	0400 - 2500	0063 - 0250	0201 - 0274 / 0400 - 1001	0160 - 1000
RE 51429	RE 51482	RE 51445	RE 51408	RE 51409
700	2000	450	2000	1700
400	50	63	40	100
2.0040 - 1000	1.0400 - 1.2500		1.0160 - 1001 / 1.0045 - 0274	1.0160 - 1000
		-1X		







Strainer Basket Filter Elements	Celludisc Filter Elements	Filter Candles	Type65. / Type73.
			
Up to 2.500	10	30 MAC	1300 - 2600 / 0110 - 0270
Reser online catalog	RD 51537	RD 51487	RE 51461 / RE 51458
Up to 4	Up to 4	Up to 5	15 / 30

40FLE / FLE(N)	100FLE / FLE(N)	16FE	FEF 0, FEF 1	BF 7 SL..., BS 7 SL..., BE 7 SL..., B 7 SL
				
0045 - 0270 / 0160 - 1000	0045 - 0120 / 0160 - 0630	2500 - 7500	0 - 20	45/21 - 130
RE 51401	RE 51402	RE 51403	RE 51413	RE 51414
2000	1700	16000	400	1800
40	100	16		
1.0160 - 0270	1.0045 - 0120	2.0058 - 0059	-	80.45/21 - 130

MANIFOLD MOUNTED FILTERS				
16FD	450PBF(N)	245PSF(N)	350PSF(N)	450FE(N)
				
2500 - 7500	0040 - 1000	0040 - 0400	0040 - 1000	0040 - 1000
RE 51410	RE 51417	RE 51418	RE 51419	RE 51467
16000	800	450	800	800
16	450	250	350	450
2.0058 - 0059	2.0040 - 1000	2.0040 - 0400	2.0040 - 1000	2.0040 - 1000
				-2X

SENSORS/MEASUREMENT TECHNOLOGY			
Type	Maintenance indicators for filters	Online Particle Monitor OPM II	Moisture Sensor WGM
			
<b>Size</b>			
<b>Data sheet</b>	RE 51450	RE 51456	RD 51550
<b>Flow rate l/min (gpm)</b>		50 - 400 ml/min	< 1m/sec.
<b>Replacement Filter Element</b>		-1X	

BREATHER FILTERS		STRAINER FILTERS	
TLF I, TLF II, TLF III	BFSK	16FKE	16FKD
			
1 - 25 / 8 - 250	25 / 40 / 80 / 125	25 / 400 - 500 / 2500	25 / 400 - 150 / 2500
RE 51415	RE 51456	58B/02/02.07/1000	58B/02/02.07/1000
80000	1500	2000	2000
		16	16
7.1-25 - 8 - 250	89.25 - 125	40.400 - 2500	40.400 - 2500
	-2X		

SUCTION FILTERS AND SPIN ON FILTERS					
320PZR	S	SE	7SL	7SLS	50SL
					
025 - 0125	8 - 455	140 - 560	30 - 260	90 - 260	30 - 80D
RE 51468	20/03/07.06/1000	20/03/07.06/1000	RE 51426	RE 51426	RE 51476
33	500	1000	300	300	120
320			7	7	50
2.0025 - 0125	-	6.56 - 560	80.30 - 260	81.90 - 260	82.30 - 80
-2X					

**The cyclone effect for improved efficiency:**



With Cyclone-Effect, fluid flow enters filter housing on tangent to the element, rather than directly against it. Thus oil envelops the element surface and is distributed over the filter media surface in a downward spiral flowing pattern. This patent pending feature ensures heavy contamination particles are carried outward and away from the filter element preventing the pores from blocking prematurely. These heavier particles will accumulate on the inside and bottom of the filter bowl, depending on the actual fluid flow conditions, increasing the dirt holding capacity and extending the time between element replacements by 7 – 10 %.

**Filter elements with PURE POWER (PWR):**



Filter elements with PURE POWER (PWR) now absorb up to 50 % more particles, with a comparable retention rate and low differential pressure. All filter elements are equipped with an electrically conductive fleece as a standard feature, this reduces the risk of electrostatic charging and discharging in the filter.



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**Hengst Filtration GmbH**  
Hardtwaldstr. 43 | 68775 Ketsch, Germany  
Telefon +49 (0) 62 02 / 603-0  
hydraulicfilter@hengst.de

**[www.hengst.com](http://www.hengst.com)**

**Hengst**  
FILTRATION

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