

Filter Elements Series

High quality products, ISO Standard, Replacement for other brands

Example of Replacement Filter Element

HYDAC	KMS TEKNOLOGI®
FILTER ELEMENT 7 0270 R 25 W	0270 R 025 WN
FILTER ELEMENT 2600 R 003 ON	2600 R 003 FN
FILTER ELEMENT 7 1401 R 50 W/V	1401 R 050 WN-V
FILTER ELEMENT 0950 R 050 W/HC	0950 R 050 WN
FILTER ELEMENT 0630 DN 025 W/HC	0630 PN 025 WN
FILTER ELEMENT 0660 R 050 W/HC	0660 R 050 WN
FILTER ELEMENT 0660 D 025 W	0660 P 025 WH
FILTER ELEMENT 1000 RN 025 ON	1000 RN 025 FN
FILTER ELEMENT 0750 R 020 ON	0750 R 020 FN
FILTER ELEMENT 0950 R 010 ON	0950 R 010 FN
FILTER ELEMENT 0280 D 010 ON	0280 P 010 FN
FILTER ELEMENT 0110 D 025 W	0110 P 025 WH
FILTER ELEMENT 0240 D 010 ON	0240 P 010 FN
FILTER ELEMENT 0110 D 025 W	0110 P 025 WH
FILTER ELEMENT 0240 D 010 ON	0240 P 010 FN
FILTER ELEMENT 0160 D 010 ON	0160 P 010 FH
FILTER ELEMENT 0160 MA 020 BN	0160 R 020 FN-SP
FILTER ELEMENT 0025 S 125 W/B 0.2	0025 S 125 W-02
FILTER ELEMENT 1300 R003 ON	1300 R003 FN

REXROTH	KMS TEKNOLOGI®
FILTER ELEMENT 2.0059 H10XL A006M	0059 R 010 FN-6
FILTER ELEMENT 1.0630 H6XL A000M	0630 R 006 FN
FILTER ELEMENT 2.0058 H10XL A0006M	0058 R 010 FN-6
FILTER ELEMENT 2.0630 H3XL B000M	0630 R 003 FN-B
FILTER ELEMENT 1.2000 H10XL A000M	2000 R 010 FN
FILTER ELEMENT 1.0030 G25 A000M	0030 R 025 WN
FILTER ELEMENT 2.0250 G25 A000M	0250 P 025 WH
FILTER ELEMENT 2.0250 G40 A000M	0250 P 040 WH
FILTER ELEMENT 2.0250 G100 A000M	0250 P 100 WH
FILTER ELEMENT 2.0250 H3XL A000M	0250 R 003 FN
FILTER ELEMENT 0160 D 025 W/HC	0160 P 025 WH
FILTER ELEMENT 2.0100 H10XL B000M	0100 R 010 FN-B

MAHLE	KMS TEKNOLOGI®
FILTER ELEMENT Pi 3145 PS 10	3145 R 010 FN
FILTER ELEMENT Pi 3130 PS10	3130 R 010 FN
FILTER ELEMENT Pi 4145 PS 25	4145 R 025 FN
FILTER ELEMENT Pi 4130 PS 25	4130 R 025 FN
FILTER ELEMENT Pi 3108 PS 10;SM10	3108 R 010 FN

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Replacement Filter Element

0160 R 003 FN - **

SIZE (Competitor = KMS TEKNOLOGI®)

HYDAC

0110 = 0110
0160 = 0160
0240 = 0240
7.0270 = 0270
0280 = 0280
1000 = 1000
0630 = 0630
0660 = 0660
0750 = 0750
0950 = 0950
1000 = 1000
7.1401 = 1401
2600 = 2600
0025 = 0025

HYDAC

0030 = 0030
0060 = 0060
0330 = 0330
0450 = 0450
0500 = 0500
0580 = 0580
0850 = 0850
1300 = 1300
2650 = 2650
2700 = 2700

REXROTH

1.0030 = 0030
1.0630 = 0630
1.2000 = 2000
2.0058 = 0058
2.0059 = 0059
2.0100 = 0100
2.0160 = 0160
2.0250 = 0250

MAHLE

3108 = 3108
3130 = 3130
3145 = 3145
4130 = 4130
4145 = 4145

SCHROEDER

K25
A25
KZ10

CUSTOM

0216
0449
0436
0323
0320

ELEMENT TYPE

R / RN = Return Line
P = Pressure Line
S = Suction Line
MA = Low Pressure

FILTRATION RATING (μ)

003, 006, 010, 020, 025, 040, 050, 100, 125, 150 (other on request)

competitor codes :

H3XL = Rexroth 003 μ (Fiber material) K/A = Schroeder (Cellulose/paper material)
G25 = Rexroth 25 μ (Wiremesh material)
PS 10 / SM 10 = Mahle 010 μ (Fiber material)

ELEMENT MATERIAL

FN = Advant Micro Fiber N (Low Pressure 20 bar)
FH = Advant Micro Fiber H (High Pressure 210 bar)
WN= Wiremesh SS 304N, 316N (Low Pressure 20 bar)
WH= Wiremesh SS 304H, 316H (High Pressure 210 bar)
W = Wiremesh (for suction filter)

MANUFACTURE CODES

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BETTER SOLUTION FILTER ELEMENTS

The need of clean system are more and more increase now. To answer those who concerned with long life components and machine usages in the plant, **KMS Teknologi** comes with better engineering, continuous innovation, to get better solutions that fit in your needs.

KMS Teknologi manufactures custom engineered filtration products for :

- Oil & Gas
- Refining
- Chemical
- Petrochemical
- Power Plant
- Food & Beverage
- Steel Mill
- Plastic Injection Molding
- Automobile Assembly
- General Manufacturing
- Custom Design
- Industrial Markets.

KMS Teknologi has successfully served these and other demanding markets with high quality filter elements and filtration systems.

KMS Teknologi filter manufacturer, builds high performance filter elements for the global industrial hydraulic, industrial lubrication & automotif market. Whether your need is for a Pall hydraulic filter, a Pall coreless element, Schroeder, Hydac, Parker, MP Filtri, Donaldson, Toyota, Mitsubishi, Daihatsu, Isuzu, Mercedes, Ford, Komatsu, or other OEM filter element, we have the products you require. We design, build, manufacture and quality control our own products allowing the strictest of specifications.

KMS TEKNOLOGI FILTER ELEMENTS

Filter Element Products, from **KMS Teknologi** have advantages :

- ▶ High quality products with competitive price – made in Indonesia
- ▶ High quality material
- ▶ Tested with latest technology
- ▶ High Quality Replacement Filter Element from other brands
- ▶ Manufacturer Filter Elements according to order

KMS TEKNOLOGI PRODUCES

Suction Filter Elements

Pressure Filter Elements

Return Filter Elements

Air Filter Elements

Silica Gel Filter Elements

Water Absorbent Filter Elements

Spin On Filter Elements

with various materials such as : Stainless Steel Wire Mesh, Fiber, Cellulose, etc



filter products

Filter Elements Series

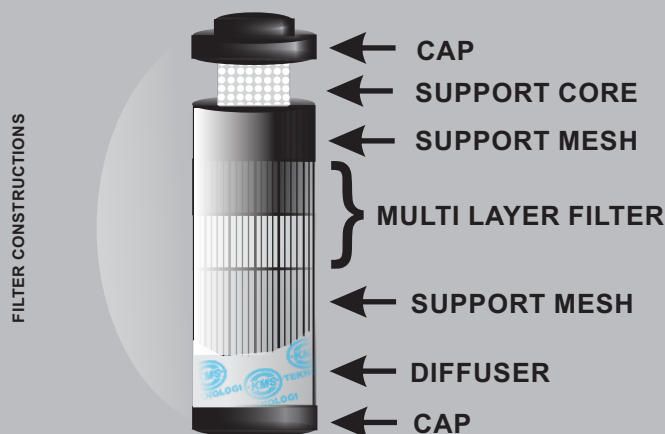
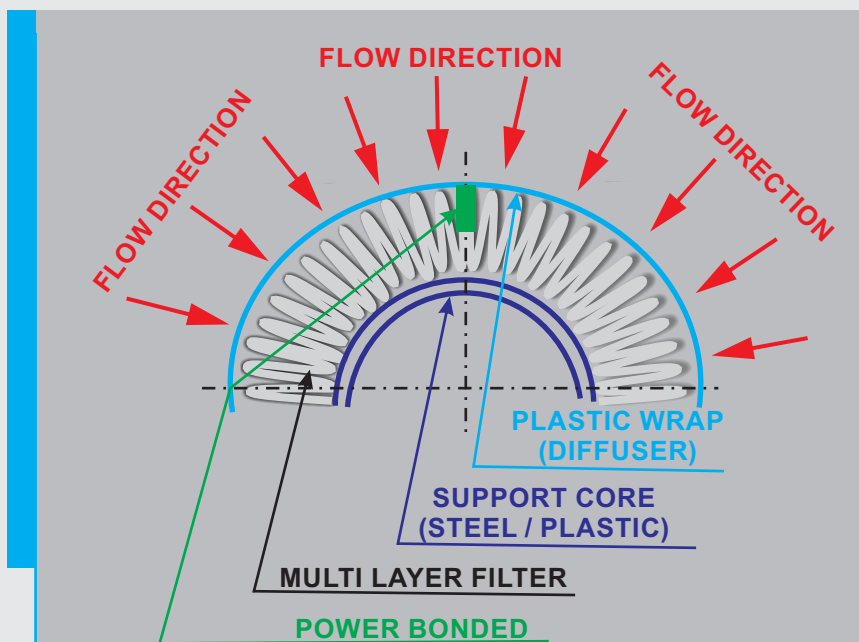
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FILTER ELEMENT CONSTRUCTIONS

The filter element which performs the actual filtration function. They consist of several pleated filtration and support layers which are placed as a cylinder around or inside the stabilizing support tube. These mesh packs are sealed by the end-caps. Flow direction through the filter elements is from out to in. Depending on the filter material, the filter mesh pack is in an additional outer plastic.

- Pressure stability : 10 bar to 210 bar (depending selection of filter material)
- Temperature range : -30°C to 100°C
- Filtration rating : 3µ to 200µ (others on request)
- Seals : NBR, FPM, EPDM
- Material filter elements : metal, stainless steel, advant micro, plastic, PU, zink plated, rubber, cellulose etc. (depending of filter type / model)
- Valve : with or without by pass valve



filter production process



filter testing process for better quality products