ORIGINAL FILTER ELEMENTS

RMF Systems

The guarantee of problem free hydraulics

THE UNIQUE RMF FILTER
The principal of the RMF Systems filters is based on the unique original filter elements. With a filter fineness of 0.5 micron they have the capacity to remove even the smallest of dirt particles from the oil.
The micro filter works as a fine filter through which oil passes radially, from the outside to the inside. The filter elements are made entirely of cellulose and are specially designed for hydraulic and lubrication systems.
The use of cellulose as the filtration material has the added benefit that water can be absorbed. Water in oil creates a chemical reaction, which seriously deteriorates the oil.

ORIGINAL ELEMENTS
The use of original RMF Systems filter elements will result in extreme fluid cleanliness and low water contamination levels in the fluid.
Through a carefully controlled quality controll process excellent Δp curves, filter efficiency and dirt holding capacity are secured.

APPLICATIONS
The original filter elements are used in combination with RMF Systems filter housings in an endless range of industries.

Some examples are:
- plastic industry;
- steel industry;
- concrete and cement industry;
- petrochemical industry;
- maritime industry;
- paper industry;
- forestry industry.

CHARACTERISTICS
- Continuous quality with stable flow/ Δp performance.
- Extremely fine filters.
- Large filtration surface.
- High water absorption capacity.
- Additives are not removed.
- Large dirt collection capacity.
- Extends oil usage life.
- Extends life cycle main stream filters.

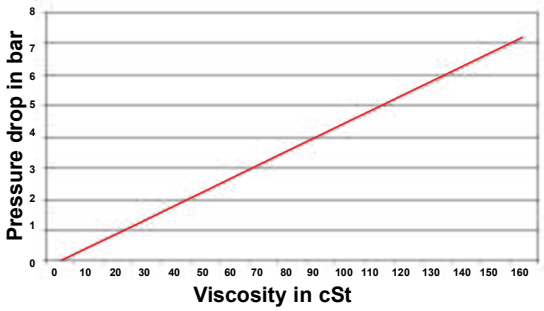
RMF SYSTEMS®

ORIGINAL
FILTER ELEMENTS

E26N filter elements must be used on the above range Off-line and By-pass filters

E26N (1.6 l/min)

Average test value on original RMF elements



Ordering code for E26N elements

1 pcs	: OMA...120
box 12 pcs	: OMA...125

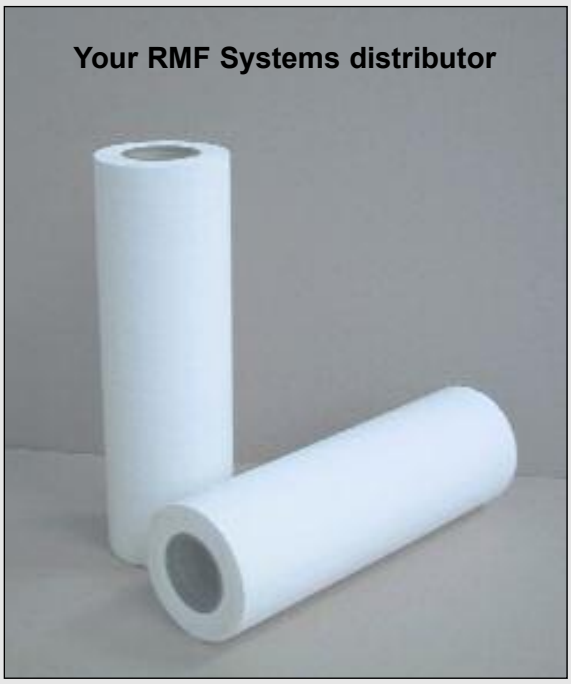
Elements suitable for RMF filter units types BP...26 series and OL...26 series.

Technical data E26N

Element specifications	
Application	By-pass and off-line filtration
Flow (average measured value)	1.6 l/min
Max. viscosity (average measured value)	120 cSt
Temperature range	-40 °C - +120 °C
Collapse pressure	12 bar
Oil compatibility	Mineral oil, synthetic esters, rape seed oil etc.
For other oils please contact RMF	

Element construction	
Filter material	Cellulose
Thickness filter material	19 mm
Filtration efficiency	$\beta 2 \geq 2{,}330$
Pressure drop	1.3 bar at 1.6 l/min at 30 cSt
Dirt holding capacity (average measured value)	12 gram ACFTD
Water absorbtion capacity	±70 - 120 ml
Integrated by-pass valve	None
End cap material	No end caps, steel spring
Seal material	Not applicable

Your RMF Systems distributor



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