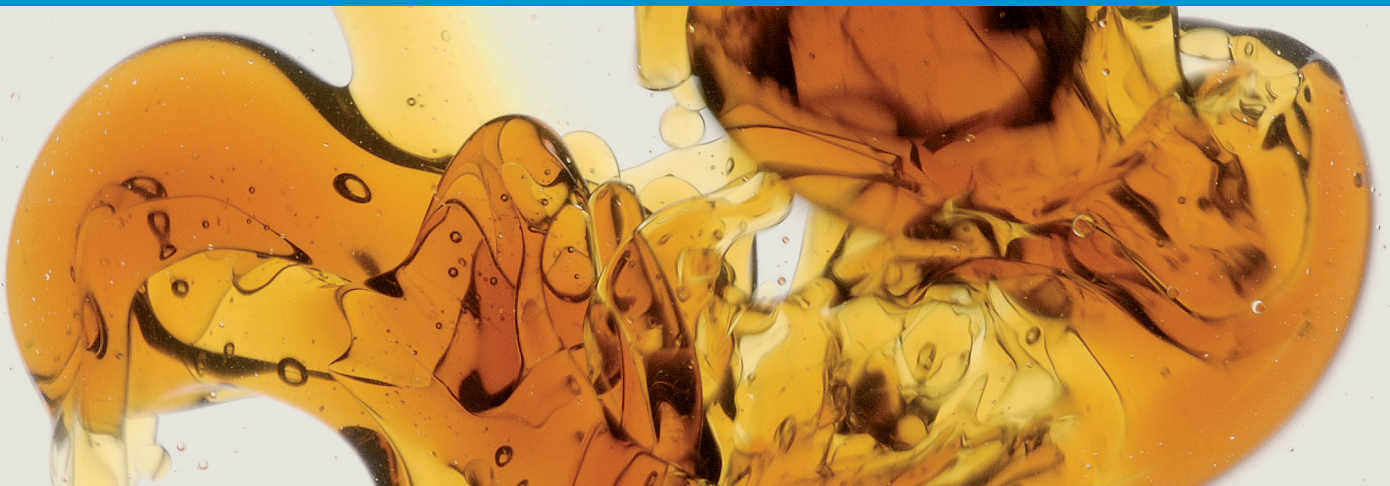


ELEMENTS

For more than 75 years, Kaydon Filtration has been an expert at providing state-of-the-art filtration technology for lube oil, hydraulic oil, diesel fuel, and other hydrocarbon fluids. The multi-layered design of our filter elements delivers exceptional particle retention and extended element life. Our filtration, coalescer, and water-absorbing elements are designed to help meet the expected fuel life while combining performance and cost effectiveness.

Take a look at Kaydon's elements to learn how they can work in your application:

- TURBO-TOC® turbine oil conditioning systems utilize a unique set of filter elements to treat particulate and water contamination.
- KAYMAX® filtration elements use an inert, fixed pore, impregnated fiber matrix media for maximum strength and increased dirt capacity.
- KAYFLO™ (KF) filter elements are used for general purpose and Model KB filter elements are used for basic purpose industrial oil and fuel applications.
- KAYDRI® (KQD) water removal filter elements are designed to remove water, by using absorption, from lube oil, hydraulic oil, and diesel fuel.
- *PulseShield™* Hydraulic Fluid Filters provide increased dirt-holding capacity by as much as 30% in comparison to conventional filter elements.
- The Model KM 7500 filter elements are used for critical industrial oil and fuel applications.
- The Model CI coalescer elements are used with HF-FC series portable oil filtration carts for water separation and filtration of diesel fuels.
- Kaydon Fuel Filter Element Separators are designed and constructed with special hydrophobic materials to provide a barrier to water coalesced with Kaydon Filtration CI coalescer elements.



KAYMAX fuel and oil filter elements are used for critical industrial oil and fuel applications. KAYMAX elements are designed and constructed with specially formulated, multi-layer micro-fiberglass fibers for exceptional particle retention and extended element life. KAYMAX filter elements maintain pleat integrity under high flow and high viscosity conditions providing exceptional particle removal efficiency that meets or surpasses the stated micron ratings.

Factors such as element life, oil cleanliness levels, equipment reliability, and reduction of oil-related failures all contribute to credible savings and productivity. KAYMAX filter elements provide an effective Life-Cycle Costing¹ that offers an effective solution for fuel and oil filtration applications where high performance is not only desired, but required.

Applications

Industrial Mineral Base Oil
Diesel Fuel Filtration

Features

Inert inorganic bonded fixed-pore dual-phase fibers

Micro-fiberglass medias with uniform pleating

Cost-effective solution for critical oil and fuel filtration applications

ISO 16889 Tested

Benefits

KAYMAX elements provide exceptional particulate removal with efficiencies that meet or surpass stated micron ratings

Higher dirt-holding capacity and particle collection

The KAYMAX elements deliver high filtration performance that positively impacts the element life, change-out frequencies, oil cleanliness levels, and equipment reliability

Proven performance using the ISO Multi-Pass test method for



KAYMAX® Series Fuel and Oil Filter Elements

Specifications and Details

Pressure Drop (ISO 32 Turbine Oil @ 100°F / 38°C)	Part #	gpm	lpm	psid	BAR
	KM6018-02	50	189	9	0.62
	KM6018-05	50	189	7	0.48
	KM6018-2	50	189	3	0.21
	KM6018-3	50	189	3	0.21
	KM6018-8	50	189	1	0.07
	KM6018-15	50	189	1	0.07
	KM6036-02	100	378.5	9	0.62
	KM6036-05	100	378.5	7	0.48
	KM6036-2	100	378.5	3	0.21
	KM6036-3	100	378.5	3	0.21
	KM6036-8	100	378.5	1	0.07
	KM6036-15	100	378.5	1	0.07
	Terminal Pressure	25 psid / 1.7 kg/cm ²			
Collapse Rating	150 psid / 10 BAR				
Micro Rating / Efficiency	Part #	Part #	Micron Rating ²	Efficiency	
	KM6018-02	KM6036-02	4.2	99.9%	
	KM6018-05	KM6036-05	11.3	99.9%	
	KM6018-2	KM6036-2	5.1	99.9%	
	KM6018-3	KM6036-3	7.1	99.9%	
	KM6018-8	KM6036-8	21.2	99.9%	
	KM6018-15	KM6036-15	29.9	99.9%	
Materials of Construction	Metals: Inner and Outer Spiral Steel Jacket Elastomers: Buna-N Filter Media: Inorganic Bonded Fixed-Pore Dual-Phase Fibers Epoxy: Adhesive				
Operating Temperature Range	-20° F - 250° F / -28° C - 121° C				
Fluid Compatibility	Hydrocarbon Fluids				
Weight (approximate)	Part #	lbs.	kgs.		
	KM6018	7	3.2		
	KM6036	14	6.4		
Dimensions	Part #	Inches D x L	mm D x L		
	KM6018	6 x 18	152 x 457		
	KM6036	6 x 36	152 x 914		

1. Life cycle costing is the true cost associated with the use of a filter element. It takes into account cleanliness of oil, filter life, change-out frequencies, and operator involvement.

The cost of the filter element alone does not give a true evaluation of the overall cost.

2. Element tested per ISO 16889.

All design specifications are subject to change without notice.