

Lube & Hydraulic Oil Elements



Kaymax® Particulate Removal Elements

Kaydon Kaymax® elements are designed for critical lubricating oil applications where high-efficiency particulate removal and long service life are essential. Constructed with bonded fixed-pore micro-fiberglass media, these elements maintain pleat integrity under high viscosity and flow conditions—delivering consistent filtration performance that protects rotating equipment and extends oil life.

Materials of Construction:

- Inner/Outer Jacket – Spiral-welded Steel
- Gaskets – Buna-N
- Adhesive - Epoxy
- Media – Microglass

Part Number	KM6018-1	KM6036-3	KM6018-6	KM6018-12	KM6036-25	
Element Type	Particulate					
Flow Direction	Outside to Inside					
Performance	Efficiency	$\beta_x = 1000 @ 1\mu$	$\beta_x = 1000 @ 3\mu$	$\beta_x = 1000 @ 6\mu$	$\beta_x = 1000 @ 12\mu$	$\beta_x = 1000 @ 25\mu$
Fluid Compatibility	Mineral-Based Lubricating Oils					
Maximum Viscosity	ISO 68					
Compatible Vessels/Systems	KP-5 / KP-10 / KP-30					
Operating Temperature Range	32 - 200 °F (0 - 93 °C)					
Terminal Pressure drop	25 psid (1.7 bar)					
Nominal Dimensions	6 x 18 in (152 x 457 mm)					
Weight (approx.)	6 lbs (2.7 kg)					



Kaydri® Water Absorbing Elements

Kaydon Kaydri® elements are engineered for efficient water removal using quick-dry absorptive polymer technology. Ideal for systems where coalescers or vacuum dehydrators are impractical, these elements capture and retain water within the media to prevent recontamination. In addition to removing up to 1 gallon of water per element, Kaydri® filters also provide 5-micron particulate filtration for comprehensive oil cleanliness.

Materials of Construction:

- Metals: ElectroGalvanized Tinplate
- Gaskets: Buna-N
- Adhesive: Epoxy
- Filter Media: Water Absorptive Polymer and Fiberglass

Part Number	KQD6018-5	KQD6036
Element Type	Absorbing	
Flow Direction	Outside to Inside	
Performance	Efficiency	$\beta_x = 10 @ 5\mu$
	Water removal	80% Single pass
Fluid Compatibility	Mineral-Based Lubricating Oils	
Maximum Viscosity	ISO 68	
Compatible Vessels/Systems	KP-5	KP-10 KP-30
Operating Temperature Range	32 - 250 °F (0 - 121 °C)	
Terminal Pressure drop	20 psid (1.7 bar)	
Nominal Dimensions	6 x 18 in (152 x 457 mm)	6 x 36 in (152 x 914 mm)
Weight (approx.)	6 lbs (2.7 kg)	12 lbs (5.4 kg)

KMP High-Pressure Elements

Kaydon KMP Series elements are designed to deliver high-efficiency particulate removal in compact systems operating under high pressure. Paired with Model 981 housings, these filters support pressures up to 1,200 psig—making them ideal for hydraulic circuits and high-demand lube oil loops.

Part Number	KMP9600AKF8V	
Element Type	Particulate	
Performance	Efficiency	$\beta_x = 200 @ <4\mu$
Maximum Viscosity	ISO 320	
Compatible Vessels/Systems	981 Series	
Operating Temperature Range	-40 - 250 °F (-4 - 120 °C)	
Max Operating Pressure	1200 psid (83 bar)	
Nominal Dimensions	3 x 8 in (76 x 203 mm)	



KAYDON FILTRATION
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