Introducing Our Advanced Oil-Thirsty™ Bags And Strips

Knight Corporation has a long history of providing industry with the highest quality liquid filters to keep pace with changing needs and demands of our customers. It is with great pride that we announce the development of another advanced filter line series to meet your oil removal needs, the Knight Oil-Thirsty™ (OT) filter. Our new Oil-Thirsty™ bags are the perfect answer for removing trace oil and grease from an industrial stream of aqueous-based fluids.

One of the most important services we offer our customers is staying on top of the technical advances being made in our industry. Knight has developed a unique configuration of variable micron rated media of 100% polypropylene which uses the entire filter bag. This provides maximum oil absorption with minimum pressure drop. Our Oil-Thirsty™ size 2 bag will remove approximately 2 pounds of oil, however we can design a bag to remove up to 16 pounds of oil by increasing the micro-fiber layers or by adding Oil-Thirsty™ strips to your bag. This will not affect the flow rate and will actually add surface area which increases efficiency, structural strength and filter life.

Our Oil-Thirsty™ bags are available in nine different sizes and four style tops to fit most filter vessels, however we will design a bag to meet your specific need. All bags are designed with a cover to prevent fiber migration and come standard with reinforced lift handles for easy removal and complete disposal by incineration. Polypropylene rings and our newly developed polypropylene Sure-Seal™ top with lifting handles can also be incinerated, and are available upon request. Stainless and carbon steel rings and commercial stainless steel bands are also available.

The ideal oil removal system is the combination of the Oil-Thirsty™ bag as the oil load prefilter and the Knight High Efficiency (KHE) 300 series as the final polish filter.

We welcome the opportunity to work with you, and are committed to providing you with solutions for your particle and oil removal needs. Send your local distributor or Knight Corporation the specifications for the bag you need or a sample of the bag you are currently using. We will get back to you quickly with our recommendations and a highly competitive quotation.

Knight stock Oil-Thirsty™ bags, as with our complete line of high quality filter bags, are shipped within a week. In addition to our stock and custom filter bags, we also offer a complete line of filter vessels and baskets. For more information on any of our high quality products or our complete catalog contact your local distributor or Knight Corporation.

Knight Corporation

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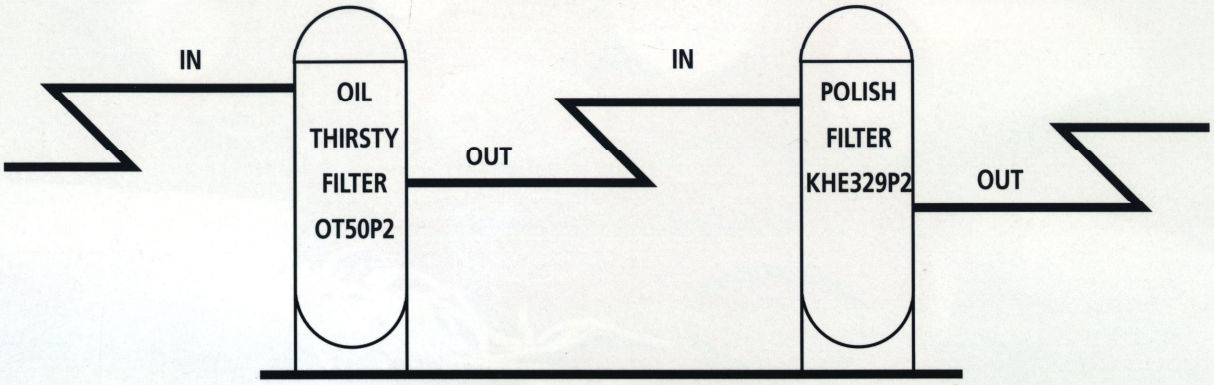
How to Order Oil Thirsty™ "OT" Series

OIL THIRSTY BAG			
	SIZE 2	SIZE 1	SIZE 4
PART NUMBER:	OT50P2DSL	OT50P1DSL	OT50P4DSL
OIL REMOVAL: POUNDS OF OIL AT SATURATION	16.9	7.2	2.8

RECOMMENDED SYSTEM:



NOMINAL MICRON RATING			BAG SIZE SYMBOL		DIA." X LENGTH"	TOP STYLE		
10 Micron	=	OT10	P1	=	7-1/16 x 17	DSL	=	Metal Ring
25 Micron	=	OT25	P2	=	7-1/16 x 32	DSSL	=	Stainless Steel Ring
50 Micron	=	OT50	P4	=	4-1/8 x 14	DSPL	=	Polypro Plastic Ring
100 Micron	=	OT100	P8	=	5-5/8 x 21	DSF	=	Sure-Seal™
			P9	=	5-5/8 x 32			
			C2	=	7-3/8 x 32			
			RP	=	8 x 28			
			P12	=	8-5/8 x 34			
			PC	=	9 x 30			

OT50 P2 DSL
EXAMPLE

POLISH FILTER

300 SERIES PART NUMBER	EFFICIENCY (A) 93%	96%
KHE 323P2SSL	1 µm	2 µm
KHE 325P2SSL	3 µm	5 µm
KHE 327P2SSL	8 µm	18 µm
KHE 329P2SSL	18 µm	25 µm

(A) Efficiency represents the initial efficiency on a clean element challenged on a single pass through a water base slurry of PTI fine test dust at 3 GPM. Efficiencies are derived by counting the ratio of upstream versus downstream particles.

Knight Corporation believes laboratory generated performance data is a useful tool for comparing different micron ratings or oil removal and as a guide for establishing a recommendation in a filtering application. However, this data should not be construed as a guarantee or warranty by Knight Corporation, either expressed or implied, of a specific performance from use of our product. Due to variations in fluid viscosity, temperature, velocity, pressure and contaminant size, shape and texture, Knight Corporation cannot guarantee that field results will equal test results.