

BIO-TEK®




RENEWABLE FUEL FILTER TECHNOLOGY

**NEW!
CELLULOSE
MEDIA
AVAILABLE**





Alcohol Monitors

High Performance / High-Flow / Long Life






Application

-  Detects phase separation in Ethanol-blended gasolines up to E15 & reduces the fuel flow which indicates phase separation
-  High-performance particulate removal
-  Designed for gasoline service station pumps, commercial fueling dispensers, most Dresser®, Tokheim®, and Gilbarco® service station dispensers

Design Features

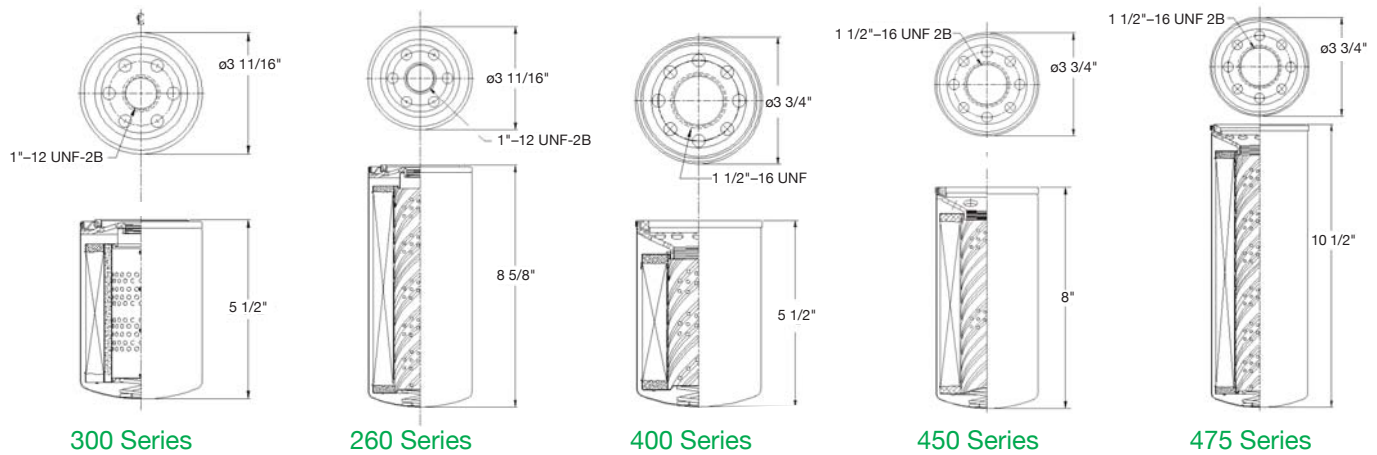
-  25 gpm (94.6 lpm) maximum flow
-  50 psi (3.4 bar) maximum working pressure
-  High-performance microglass media designed for ethanol-blended fuels up to E15
-  5 micron, 10 micron, and 30 micron filtration media available

Benefits

-  Filters high levels of contaminants while monitoring for phase separation
-  High-flow...25 gpm...Perfect for split systems feeding two hoses
-  More than twice the life compared to filters using cellulose media
-  Recognized by Underwriters Laboratories (UL®) for use in service station pumps and dispensers
-  Pre-lubed gaskets included...Easy to install



Bio-Tek® Monitor Filters Dimensional Information



300 Series

260 Series

400 Series

450 Series

475 Series

Bio-Tek® Alcohol Monitor Filter (Detects Phase Separation in Ethanol Blends up to E15)

Part No.	Model No.	Description / Microglass Media	Pressure	Flow	Thread Size
70116	300MB-05	5 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1"-12 UNF
70122	300MB-10	10 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1"-12 UNF
70018	300MB-30	30 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1"-12 UNF
70117	260MB-10	10 Micron High Capacity Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1"-12 UNF
70114	400MB-05	5 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1 1/2"-16 UNF
70120	400MB-10	10 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1 1/2"-16 UNF
70106	400MB-30	30 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1 1/2"-16 UNF
70023	450MB-10	10 Micron High Capacity Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1 1/2"-16 UNF
70111	475XLMB-10	10 Micron Extended Life Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1 1/2"-16 UNF
Part No.	Model No.	Description / Cellulose Media	Pressure	Flow	Thread Size
NEW! 70705	300MC-10	10 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1"-12 UNF
NEW! 70035	300MC-30	30 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1"-12 UNF
NEW! 70707	400MC-10	10 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1 1/2"-16 UNF
NEW! 70052	400MC-30	30 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	25 Gpm / 94.6 Lpm	1 1/2"-16 UNF
NEW! 70565	800MC-10	10 Micron Phase Separation Monitor & Particulate Filter	50 PSI / 3.4 Bar	40 Gpm / 151 Lpm	1 1/2"-16 UNF

Bio-Tek® Alcohol Monitor Filter Adaptors

Part No.	Material	Description	Fuel Ports	Nose	Use With
50003	Cast-Iron	Single Adaptor	3/4" NPT	1"-12 UNF	260, 300 Series
50181	Aluminum	Single Adaptor	3/4" NPT	1"-12 UNF	260, 300 Series
50002	Cast-Iron	Single Adaptor	1" NPT	1"-12 UNF	260, 300 Series
50005	Cast-Iron	Single Adaptor	1 1/2" NPT	1"-12 UNF	260, 300 Series
50006	Aluminum	Double Adaptor	1 1/2" NPT	1"-12 UNF	260, 300 Series
50015	Cast-Iron	Single Adaptor	1 1/2" NPT	1"-12 UNF	260, 300 Series
50032	Aluminum	Single Adaptor	1" NPT	1 1/2"-16 UNF	400, 450, 475 Series

NOTE: See adaptor page for additional details.

Bio-Tek® Alcohol Monitor Replacement Gaskets

Part No.	Description
90025	Buna-N Pre-Lubed Gasket Used On 260 and 300 series
90036	Buna-N Pre-Lubed Gasket Used On 400 series

NOTE: Filters are not to be used with aviation applications.

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