



# Filter Efficiency Reference

Rev: May 6, 2011

**GET MORE OUT OF YOUR FUEL™**

Part No.	Model	Dia.	Len.	Media	Description	Micron Rating	Typ. Average Efficiency
<b>200 Series, Spin-On Particulate Filter</b>							
70002	200E-10	3.75	8.00	Cellulose	with Draincock, 3/4" Flow, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70046	200E-30	3.75	8.00	Cellulose	with Draincock, 3/4" Flow, UL	30	97.8%
<b>200 Series, Spin-On Particulate Filter</b>							
70004	200AE-10	3.75	8.00	Cellulose	with Draincock, 1-1/8" Flow, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70045	200AE-30	3.75	8.00	Cellulose	with Draincock, 1-1/8" Flow, UL	30	97.8%
<b>250 Series, Spin-On Particulate Filter</b>							
70819	250E-02	3.75	7.25	Cellulose	Particulate Filter, 3/4" Flow, UL	2	97.3%
70003	250E-10	3.75	7.25	Cellulose	Particulate Filter, 3/4" Flow, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70088	250E-30	3.75	7.25	Cellulose	Particulate Filter, 3/4" Flow, UL	30	97.8%
<b>250 Series, Spin-On Particulate Filter</b>							
70821	250AE-02	3.75	7.25	Cellulose	Particulate Filter, 1-1/8" Flow, UL	2	97.3%
70005	250AE-10	3.75	7.25	Cellulose	Particulate Filter, 1-1/8" Flow, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70089	250AE-30	3.75	7.25	Cellulose	Particulate Filter, 1-1/8" Flow, UL	30	97.8%
<b>260 Series, Spin-On Filter</b>							
70094	260-10	3.75	8.65	Cellulose	Particulate Filter, 3/4" Flow, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70095	260-30	3.75	8.65	Cellulose	Particulate Filter, 3/4" Flow, UL	30	97.8%
<b>260 Series, Spin-On Filter</b>							
70230	260BMG-02	3.75	8.65	Microglass	Bio-Tek Filter, Bio-Fuels, UL	2	Nom
70234	260BMG-10	3.75	8.65	Microglass	Bio-Tek Filter, Bio-Fuels, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70221	260ABMG-02	3.75	8.65	Microglass	Bio-Tek Filter, Bio-Fuels, UL	2	Nom
70225	260ABMG-10	3.75	8.65	Microglass	Bio-Tek Filter, Bio-Fuels, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
<b>260 Series, Spin-On Filter</b>							
70062	260HS-10	3.75	8.65	Hydrosorb®	Water Detecting, 3/4" Flow, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70067	260HS-30	3.75	8.65	Hydrosorb®	Water Detecting, 3/4" Flow, UL	30	98.3%
70061	260AHS-10	3.75	8.65	Hydrosorb®	Water Detecting, 3/4" Flow, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70066	260AHS-30	3.75	8.65	Hydrosorb®	Water Detecting, 3/4" Flow, UL	30	98.3%
<b>260 Series, Spin-On Filter</b>							
70232	260BHG-02	3.75	8.65	Hydroglass	High-Performance Water Detecting, UL	2	Nom
70236	260BHG-10	3.75	8.65	Hydroglass	High-Performance Water Detecting, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70223	260ABHG-02	3.75	8.65	Hydroglass	High-Performance Water Detecting, UL	2	Nom
70227	260ABHG-10	3.75	8.65	Hydroglass	High-Performance Water Detecting, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
<b>260 Series, Spin-On Filter</b>							
70117	260MB-10	3.75	8.65	Microglass	Phase Separation Monitor, UL, <b>ABSOLUTE RATED™</b>	10	98.8%
<b>300 Series, Spin-On Fuel Dispenser Filter</b>							
70806	300-02	3.75	5.50	Cellulose	Dispenser Particulate Filter, UL	2	97.3%
70010	300-10	3.75	5.50	Cellulose	Dispenser Particulate Filter, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70012	300-30	3.75	5.50	Cellulose	Dispenser Particulate Filter, UL	30	97.8%
70705	300MC-10	3.75	5.50	Cellulose	Phase Separation Monitor, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70035	300MC-30	3.75	5.50	Cellulose	Phase Separation Monitor & Particulate Filter, UL	30	97.8%



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70057	300BMG-02	3.75	5.50	Microglass	Bio-Tek Disp Filter, UL	2	Nom
70058	300BMG-10	3.75	5.50	Microglass	Bio-Tek Disp Filter, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70122	300MB-10	3.75	5.50	Microglass	Phase Separation Monitor, UL, <b>ABSOLUTE RATED™</b>	10	98.8%
70018	300MB-30	3.75	5.50	Microglass	Phase Separation Monitor, UL	30	98.3%
70025	300BHA-01	3.75	5.50	Microglass	Bio-Tek High-Bio Filter, B100, E85, UL	1	Nom
70993	300BHA-05	3.75	5.50	Microglass	Bio-Tek High-Bio Filter, B100, E85, UL, <b>ABSOLUTE RATED™</b>	5	99.5%
70581	300BHA-20	3.75	5.50	Microglass	Bio-Tek High-Bio Filter, B100, E85, UL, <b>ABSOLUTE RATED™</b>	20	99.5%
70059	300HS-10	3.75	5.50	Hydrosorb®	Water Detecting Filter, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70064	300HS-30	3.75	5.50	Hydrosorb®	Water Detecting Filter, UL	30	98.3%
70235	300BHG-10	3.75	5.50	Hydroglass	High-Perf Water Detecting, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
<b>400 Series, Spin-On Fuel Dispenser Filter</b>							
70808	400-02	3.75	5.50	Cellulose	Dispenser Particulate Filter, UL	2	97.3%
70015	400-10	3.75	5.50	Cellulose	Dispenser Particulate Filter, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70016	400-30	3.75	5.50	Cellulose	Dispenser Particulate Filter, UL	30	97.8%
70707	400MC-10	3.75	5.50	Cellulose	Phase Separation Monitor, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70052	400MC-30	3.75	5.50	Cellulose	Phase Separation Monitor & Particulate Filter, UL	30	97.8%
70105	400BMG-02	3.75	5.50	Microglass	Bio-Tek, Bio-Fuels, UL	2	Nom
70104	400BMG-10	3.75	5.50	Microglass	Bio-Tek Particulate Filter, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70120	400MB-10	3.75	5.50	Microglass	Phase Separation Monitor, UL, <b>ABSOLUTE RATED™</b>	10	98.8%
70106	400MB-30	3.75	5.50	Microglass	Phase Separation Monitor & Particulate Filter, UL	30	98.3%
70039	400BHA-01	3.75	5.50	Microglass	Bio-Tek High-Bio Filter, B100, E85, UL	1	Nom
70991	400BHA-05	3.75	5.50	Microglass	Bio-Tek High-Bio Filter, B100, E85, UL, <b>ABSOLUTE RATED™</b>	5	99.5%
70580	400BHA-20	3.75	5.50	Microglass	Bio-Tek High-Bio Filter, B100, E85, UL, <b>ABSOLUTE RATED™</b>	20	99.5%
70060	400HS-10	3.75	5.50	Hydrosorb®	Water Detecting Filter, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70065	400HS-30	3.75	5.50	Hydrosorb®	Water Detecting Filter, UL	30	98.3%
70008	400BHG-10	3.75	5.50	Hydroglass	High-Perf Water Detecting Filter, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
<b>450 Series, Spin-On Fuel Dispenser Filter</b>							
70810	450-02	3.75	8.00	Cellulose	High-Capacity Dispenser Particulate Filter, UL	2	97.3%
70034	450-10	3.75	8.00	Cellulose	High-Capacity Disp Filter, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70027	450-30	3.75	8.00	Cellulose	High-Capacity Dispenser Particulate Filter, UL	30	97.8%



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70032	450MG-10	3.75	8.00	Microglass	High-Capacity Dispenser Filter, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70075	450HS-10	3.75	8.00	Hydrosorb®	High-Capacity Water Detecting, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70076	450HS-30	3.75	8.00	Hydrosorb®	High-Capacity Spin-on Filter, UL	30	98.3%
70023	450MB-10	3.75	8.00	Microglass	Phase Separation Monitor, UL, <b>ABSOLUTE RATED™</b>	10	98.8%
<b>475 Series, Spin-On Fuel Dispenser Filter</b>							
70097	475XL-10	3.75	10.5	Cellulose	Extended Length Filter, UL, <b>ABSOLUTE RATED™</b>	10	98.7%
70092	475XL-30	3.75	10.5	Cellulose	Extended Length Filter, UL	30	97.8%
70098	475XLHS-10	3.75	10.5	Hydrosorb®	Extended Length Filter, UL, <b>ABSOLUTE RATED™</b>	10	99.3%
70043	475XLHS-30	3.75	10.5	Hydrosorb®	Extended Length Filter, UL	30	98.3%
70111	475XLMB-10	3.75	10.5	Microglass	Phase Separation Monitor Filter, UL, <b>ABSOLUTE RATED™</b>	10	98.8%
<b>800 Series, Spin-On Fuel Dispenser Filter</b>							
70814	800-02	5.00	11.0	Cellulose	High Volume Spin-on Filter	2	97.3%
70019	800-10	5.00	11.0	Cellulose	High Volume Spin-on Filter, <b>ABSOLUTE RATED™</b>	10	98.7%
70020	800-30	5.00	11.0	Cellulose	High Volume Spin-on Filter	30	97.8%
70053	800SL-30	5.00	7.0	Cellulose	Short Length Spin-on Filter	30	97.8%
70565	800MC-10	5.00	7.0	Cellulose	Phase Separation Monitor Filter, <b>ABSOLUTE RATED™</b>	10	98.7%
70036	800BMG-02	5.00	11.0	Microglass	High-Volume Particulate Filter	2	Nom
70028	800BMG-10	5.00	11.0	Microglass	Bio-Tek High-Volume Particulate, <b>ABSOLUTE RATED™</b>	10	99.3%
70074	800MG-30	5.00	11.0	Microglass	High-Volume Particulate Filter, <b>ABSOLUTE RATED™</b>	30	99.5%
70063	800HS-10	5.00	11.0	Hydrosorb®	Water Detecting Filter, <b>ABSOLUTE RATED™</b>	10	99.3%
70068	800HS-30	5.00	11.0	Hydrosorb®	Water Detecting Filter	30	98.3%
70037	800BHG-02	5.00	11.0	Hydroglass	Progressive Density® Water Removal	2	Nom
70024	800BHG-10	5.00	11.0	Hydroglass	High Performance Water Removal, <b>ABSOLUTE RATED™</b>	10	99.3%

**Efficiency:** the percentage of the rated micron size (or larger) that will be captured by the filter

**ABSOLUTE RATED:** having an average efficiency equal to or greater than 98.7% at the rated micron size

**Nominal Rated:** having an average efficiency of 50-75% at the rated micron size

All efficiencies noted are the results third-party lab tests to SAE and ISO Standards