MOCAL USA

## *High Performance Fuel Filters*




Designed for the rigors of modern high volume/pressure fuel injection applications, these filters flow up to 150 gph and 300 psi which can support up to 1,500 hp engines. Made from lightweight billet 6061 aluminum filters feature a tough anodized finish and are available with a cellulose or stainless element. Since injectors can be clogged with particles as small as 20 microns we recommend the 10 micron size between the pump and engine fuel rail. To protect expensive fuel pumps, use the 100 micron for between the tank and pump. Stainless elements can be used with gasoline and alcohol. Cellulose is best suited to gasoline only. Specifications: -6AN, 8AN, -10AN male (fluid connection), black (color), 1 3/4" x 6 1/4" (size).

| | | |
|---|---|---|
| **-10AN Fuel FIlter 10 Micron Stainless** | **AF10/10** | **$89.50** |
| **-10AN Fuel Filter 100 Micron Stainless** | **AF10/100** | **$89.50** |
| **-8AN Fuel Filter10 Micron Stainless** | **AF8/10** | **$89.50** |
| **-8AN Fuel Filter 100 Micron Stainless** | **AF8/100** | **$89.50** |
| **-6AN Fuel Filter 10 Micron Cellulose** | **AF6/10** | **$89.50** |
| **-6AN Fuel Filter 10 Micron Stainless** | **AF6/10** | **$89.50** |
| **-6AN Fuel Filter 100 Micron** | **AF6/100** | **$89.50** |

For carbureted fuel systems or applications that need something in-between 10 and 100 Micron filtration we can also provide filters assemblies with 40 micron stainless elements.

| | | |
|---|---|---|
| **-10AN Fuel Filter 40 Micron Stainless** | **AF10/40** | **$89.50** |
| **-8AN Fuel Filter 40 Micron Stainless** | **AF8/40** | **$89.50** |
| **-6AN Fuel Filter 40 Micron Stainless** | **AF6/40** | **$89.50** |

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## *Small In-Line Fuel Filters*

We have often wondered why most fuel filters are so large, only to contain an element the size of a Quarter. We address this issue with a series of fuel filters of minimal size and weight, and without sacrificing performance. Mocal fuel filter assemblies are machined from durable 6061 billet aluminum. A Viton o-ring sealed single end cap design offers easy access to a cleanable 40 micron wire mesh bidirectional disk element with a flow rate of up to 90 gph. The best part is their slim diameter (1 1/4") and compact overall length (2 1/2") allows them to fit almost anywhere. Fluid connections are available in -6AN or -8AN male and 5/16" or 3/8" push-on hose to fit even the most basic fuel systems. Weight is only 1.8oz (50g).




| | | |
|---|---|---|
| **Fuel Filter (40m) -6AN Male** | **AF7-6** | **$35.50** |
| **Fuel Filter (40m) -8AN Male** | **AF7-8** | **$35.50** |
| **Fuel Filter (40m) 5/16" push-on** | **AF7-5PO** | **$35.50** |
| **Fuel Filter (40m) 3/8" push-on** | **AF7-6PO** | **$35.50** |

***BAT** inc.* **7630 Matoaka Road. Sarasota, FL 34243 ♦ phone (941) 355-0005 ♦ fax (941) 355-4683**

*Prices subject to change without notice.*

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## *In-line Oil Filter for Oil Circulation Pumps*

Most in-line filters are not specifically designed to work in circulation/ cooling applications; fuel filters are far too restrictive and drysump screen elements can let through particles that can jam gears and tear soft parts (diaphragms). Our specially designed in-line oil filter protects oil pumps circulation from foreign object damage by filtering particles down to 240 micron without restricting oil flow.

*Specifications: Housing- anodized 6061 aluminum 1.75" x 6.25", Element- 304 stainless mesh 1.125" x 2.75" (240 micron) rating, stainless steel support spring (150 psi rated), Viton o-ring seals on end cap, -AN male fluid connections.*
*On request we can optionally offer this filter with 100 micron rated element for the same price.*

| | | |
|---|---|---|
| **Oil Filter -6AN / 240 micron** | **AF6/240** | **$89.50** |
| **Oil Filter -6AN / 100 micron*** | **AF6/100** | **$89.50** |
| **Oil Filter -8AN / 240 micron** | **AF8/240** | **$89.50** |
| **Oil Filter -8AN / 100 micron*** | **AF8/100** | **$89.50** |
| **Oil Filter -10AN / 240 micron** | **AF10/240** | **$89.50** |
| **Oil Filter -10AN / 100 micron*** | **AF10/100** | **$89.50** |

*Applications like Porsche GT3's incorporate 85u filters to protect the transaxle pump. Our AF8/100 filter is well suited to these or similar applications and is a fraction of the cost of the factory filter.

## *-AN Fitting Pre-Filters*

These 250 micron filters install directly between 37º -AN male flair and -AN female hose end adding filtration for applications that prohibit using in-line filters. Especially good for keeping debris out of pump inlets. Easy to install, easy to clean and reuse.

| | | |
|---|---|---|
| **-6AN / 250 micron filter** | **11-UF06** | **$25.50** |
| **-8AN / 250 micron filter** | **11-UF08** | **$25.50** |
| **-10AN / 250 micron filter** | **11-UF10** | **$26.50** |
| **-12AN / 250 micron filter** | **11-UF12** | **$27.50** |



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3/8" NPT filter fits directly to pump inlet

## *On-Pump Oil Filter 150 Micron*

Compact Male/Female design mounts directly to any 3/8" NPT oil pump. Small but effective 150 micron stainless basket element offers required filtration without impacting flow. Element can be easily removed for cleaning/inspection.

| | | |
|---|---|---|
| **On-Pump 150*u* Filter** | **AF3/8-150** | **$39.00** |

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## *Turbo In-line Oil Filter*

Expensive turbo chargers can benefit from additional filtration to protect sensitive bearings and seals from foreign material damage. A 80 micron stainless basket element offers required filtration without impacting flow. Specifications: -4AN male/male or male/female (fluid connection), black (color), 1" x 2.1" (size).



**Turbo Oil Filter -4AN male/male AF4M $35.00**
**Turbo Oil Filter -4AN male/female AF4MF $35.00**







TNM20
TNM20X22

## *Oil Filter Nipples*

FIlter nipples for engine blocks or filter stands. Engines with oil/water heat exchangers (donut coolers) omited, often need one of these so that filter or oil cooler sandwich plate can be attached.

| description | part# | price |
|---|---|---|
| Filter Nipple 3/4"-16<br>*most common filter thread size 3/4"-16* | TN3/4-16 | $2.25 |
| Filter Nipple 3/4"-16 (long)<br>*as above but extended to 3.25" long* | TN3/4-16L | $18.50 |
| Filter Nipple 13/16"-16 | TN13/16 | $2.45 |
| Filter Nipple 3/4" x 13/16"<br>*3/4"-16 thread to 13/16" - 16* | TN3/4X13/16 | $8.75 |
| Filter Nipple 3/4"x16 x 20mm<br>*3/4"-16 thread to M20 x 1.5* | TN3/4XM20 | $8.75 |
| Filter Nipple 20mm x 20mm<br>*M20 x 1.5 to M20 x 1.5* | TNM20* | $17.20 |
| Filter Nipple M20 x M22<br>*1"-12 thread to 3/4"-16* | TNM20X22 | $17.20 |
| Filter Nipple 1" x 13/16"<br>*1"-12 thread to 13/16"-16* | TN1X13/16 | $8.00 |
| Filter Nipple 1" x 3/4"-16<br>*1"-12 thread to 3/4"-16* | TN1X3/4 | $8.00 |
| Filter Nipple 1" x M20<br>*1"-12 thread to M20 x 1.5* | TN1XM20 | $8.00 |

**TNM20, TNM20X22 have slim fixing nut.*

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