

# Selecting a Media

To select your media, you need to know:

## THE TYPE OF FUEL YOU ARE FILTERING

Our medias are compatible with a variety of fuels, but in order to know which specific media you will need, you must first identify the type of fuel being filtered.

## WHETHER YOU ARE CONCERNED ABOUT WATER CONTAMINATION

Some of our medias filter particulate only, including contaminants such as dirt, rust, and microbial growth (non-liquid contamination). As fuel containing particulate passes through the filter, the media captures the particulate to a degree that is dictated by a variety of factors (size of contaminate, flow rate, flow conditions, and filter media).

Other medias address particulate contamination **and** water contamination (the presence of excess water in the fuel). When fuel containing excess water passes through the filter, the media detects this condition and notifies the operator by restricting flow and increasing differential pressure.\*

## THE LEVEL OF PERFORMANCE YOU WANT FROM YOUR FUEL FILTER

We offer two standard medias (Cellulose and Hydrosorb) and three Ultimate Defense medias (Microglass, Hydroglass, and Multi-Fuel). Our Ultimate Defense medias generally provide increased retention, lower clean filter differential pressure, and less resistance to fluid flow compared to our standard medias. If these factors are important to you, choose our Ultimate Defense medias.

Once you've determined these factors, refer to the chart on the right to select your media.

*\*This applies to normal fuel dispensing equipment. For special applications, consult your sales representative for guidance.*



|   | REMOVE PARTICULATE ONLY  | REMOVE PARTICULATE & DETECT WATER  |
|---|--|--|
| <b>GASOLINE</b><br>(without ethanol)      | <p>CELLULOSE</p> <p>ULTIMATE DEFENSE<br/>MICROGLASS</p>  | <p>HYDROSORB</p> <p>ULTIMATE DEFENSE<br/>HYDROGLASS</p> <p>ULTIMATE DEFENSE<br/>MULTI-FUEL</p> |
| <b>GASOLINE AND ETHANOL BLENDS**</b>      | <p>UP TO 25% ETHANOL:</p> <p>CELLULOSE</p> <p>ULTIMATE DEFENSE<br/>MICROGLASS</p> <hr/> <p>25-85% ETHANOL:</p> <p>ULTIMATE DEFENSE<br/>MICROGLASS<br/>WITH "HA" IN MODEL #</p> | <p>UP TO 25% ETHANOL:</p> <p>ULTIMATE DEFENSE<br/>MULTI-FUEL</p>                               |
| <b>DIESEL/ULSD</b><br>(without biodiesel) | <p>CELLULOSE</p> <p>ULTIMATE DEFENSE<br/>MICROGLASS</p>  | <p>HYDROSORB</p> <p>ULTIMATE DEFENSE<br/>HYDROGLASS</p>  |
| <b>DIESEL/ULSD AND BIODIESEL BLENDS**</b> | <p>ULTIMATE DEFENSE<br/>MICROGLASS</p>   | <p>ULTIMATE DEFENSE<br/>HYDROGLASS</p>   |
| <b>100% BIODIESEL **</b>                  | <p>ULTIMATE DEFENSE<br/>MICROGLASS</p>   | <p>ULTIMATE DEFENSE<br/>HYDROGLASS</p>   |

*\*\*For applications that require Canadian UL approval specifically, consult your sales representative.*

*\*\*\*HA filters feature internal metal components that are coated for increased resistance to corrosion.*