

ROTATING RIGHT

HRM-5 HYDROCARBON REMOVAL CARTRIDGE

Mycelx Hydrocarbon Removal Matrix Cartridges

Mycelx is a patented polymeric surfactant technology is used to infuse all HRM-5 products, hydrocarbons instantly bond to this unique media making them hydrophobic and viscoelastic thus removing them permanently from the water stream. The single pass efficiency through an HRM water filter cartridge is typically 99.9% with almost no (@0.5 psi) pressure drop across the filter all the way to saturation.

Technical Data:

- Full System Flow rates: 1 - 700 gpm
- Construction Material: Spunbound Polypropylene
- Pore size: 5 micron
- Filter length: 10" to 30"
- Filter Diameter: 2 5/8"
- Pipe Size: 3/4" NPT
- Pressure Range: 125 psi. max.
- Temperature Range: 40-100° F
- The filters are designed to fit most standard sized filter housings



All HRM filters are engineered to remove hydrocarbons ranging from gasoline to oil from water in a single pass. HRM filters instantly solubilizes the PCB compounds and bonds them to its surface, keeping them from separating and emulsifying. HRM Filters are also able to remove Sheen, Synthetic and Natural Oils, BTEX, PCBs, Chlorinated Solvents, and organically bound metals

Nominal Micron Ratings

5

Nominal Lengths

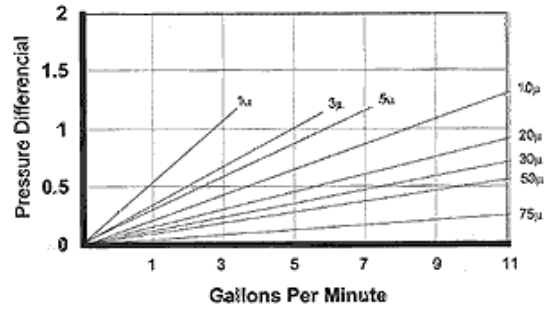
10", 20", 30"

Materials of Construction

Filter Media – 100% Polypropylene
End Caps (Optional) – Polypropylene
Gaskets (Optional) – Various Materials Available
Please consult with a Shelco Technician for proper compatibility

Operating Temperature

100 F Max.



HRM	5	10	S1	E
PRODUCT CODE	MICRON	LENGTH	END CAP CONFIGURATION	GASKET/O-RING
HRM	5	10 20 30	Blank=DOE S1=DOE w/ Flat Gaskets S2=DOE w/ Extended Core	Blank=None B=Buna-N E=Ethylene S=Silicone V=Viton

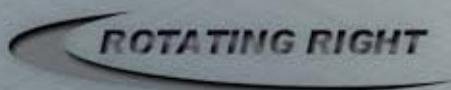
Part Number Example: HRM-5-10-S1E

Filter Housings

Shelco, manufactures a full line of filter housings. From our rugged single element housings to our heavy-duty multi-rounds and bag housings, we have the right filter for your requirement. Shelco, is the perfect choice for your problem solutions.

HRM Applications:

- Boiler Blowdown
- Bilge Water
- Cooling Towers
- Evaporator Water
- High Temp. Rinse Water
- Condensate Waste Streams
- Grinding / Cutting Fluid
- Compressor Condensate
- Process Water
- Turbine Cooling Water



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