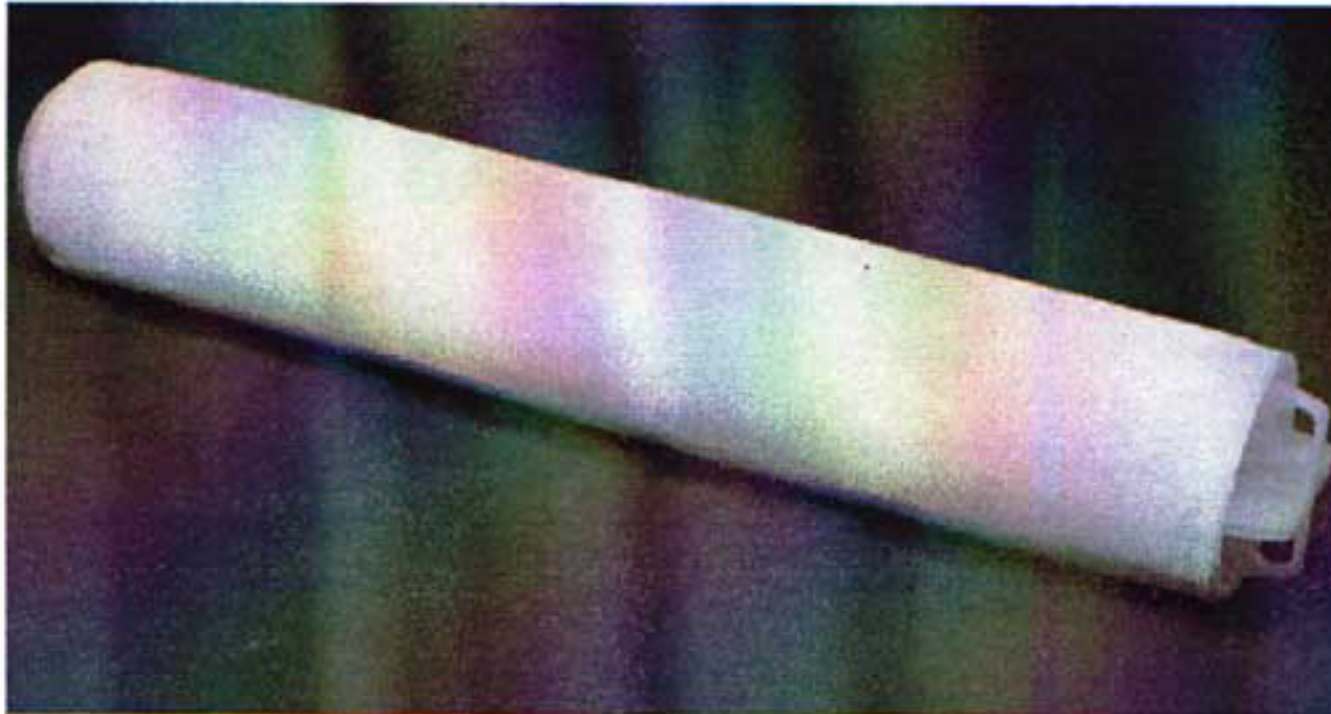


3M

High Flow Filter Cartridges Series 740KF

Technical Data



Features, Advantages and Benefits

The 3M™ High Flow Filter Cartridge, 740KF puts an extraordinary amount of surface area into a single cartridge. This results in the following:

- High loading capacity for long life and lower cost filtration.
- Fewer cartridges for fewer change-outs, thus less labor cost.
- Fewer seals, reduced risk of bypass, thus high quality.
- Extremely low disposal costs, less than a tenth of some cartridges.

Designed to fit in a range of vessels that holds from one to over 37 filters for a wide range of flow rates in competitively priced hardware.

Double O-ring seals in a variety of material options means:

- Extremely low risk of bypass for high quality fluids.
- No loose parts to assemble for easy installation, thus less labor cost.
- No springs and caps to lose reduces the risk of bypass.
- Broad chemical compatibility for many applications.
- Convenient handle for easy manual or mechanical removal.

Materials of Construction

Filter Media:

Meltblown FDA compliant polypropylene microfiber filter media provides high particle removal efficiency for high quality filtration with broad chemical compatibility and is silicone free.

The filter complies with FDA regulations governing food grade materials allowed for direct food contact in food and beverage processing.

Inner Core, Outer Sleeve and End Caps:

FDA compliant polypropylene

O-rings:

Product Number	Material
7010	FDA Buna N (standard)
7011	Ethylene Propylene Rubber
7012	PTFE encapsulated Silicone
7013	FDA Silicone
7014	Fluoroelastomer

Applications

Prefilters or final filters for:

- Acids and bases
- Amines
- Beer and wine
- Carbon beds
- Completion fluids
- Deep wells
- Desalination
- DI resins
- Edible oils
- EDM fluids
- Fructose
- Glycol
- Groundwater clean-up
- Laundry water
- Liquor
- Machine coolants
- Magnetic media
- Makeup water
- Organic solvents
- Photo chemicals
- Plating solutions
- RO membranes
- Storm water
- UF membranes
- Ultrapure water
- Wastewater
- Waterflood
- Workover fluids

