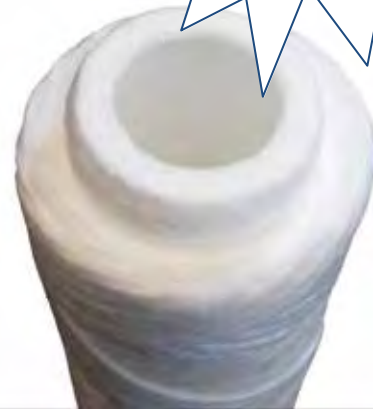


DWMC FUSION™ Series Wound / Melt Blown Filter Cartridges

Ask us about DWMC Series
filters certified to NSF/
ANSI 61!



DWMC FUSION™ Series filters have a string wound filtration zone and melt blown final filtration zone. Melt blown section shown protruding for illustration

The new DWMC FUSION™ Series liquid filters from AJR Filtration, feature melt blown media on the inside for confidence and precision string wound media on the outside for performance. By fusing melt blown and string wound technology into the same filters, AJR Filtration can help customers achieve longer filter life and cleaner fluids.

These filters have rigid inner core to provide strength, a polypropylene (FDA listed per 21 CFR 177.1520) melt blown downstream section to provide enhanced contaminant retention, and a string wound upstream section for pre-filtration. An FDA-listed polypropylene wound section is available.

The DWMC FUSION™ Series of filters offers a flexible format: a choice of melt blown section rating, string wound filter section material, and string wound section rating, so that a filter can be tailored to each unique process. A variety of end fittings enables installation into most any type of filter housing.

A DWMC FUSION™ filter can be a magic bullet for solving a challenging contamination problem, improving process efficiency, and lowering filtration costs.

Applications

- Potable water
- Process water
- Pre-filtration for membrane/reverse osmosis (RO) systems
- Food, beverage, and cosmetics
- Plating, etching, and recirculating baths
- Aqueous chemicals, acids, bases
- Oils, fuels, and organic solvents
- Fracking, completion and brine fluids

Benefits

- Addresses a variety of contaminant sizes and types within one filter
- High sediment holding capacity for longer time between filter cartridge changes
- High-performance, yet economical
- Bonded fiber melt blown section prevents fiber migration/media migration
- Variety of sizes and configurations to ensure proper sizing, fit and sealing
- Fast lead times

Box Quantities by Length

2-3/8" to 2-1/2" Diameter

10"	Length	30/Box
20"	Length	15/Box
30"	Length	15/Box
40"	Length	15/Box
50"	Length	20/Box

4-1/2" Diameter

10"	Length	12/Box
20"	Length	6/Box
30"	Length	3/Box

DELTA PURE FILTRATION IS NOW AJR FILTRATION





DWMC Series fusion string wound/melt blown filters are available with a variety of end fittings to allow installation into most filter housings

Specifications

Cartridge ID:
1" nominal standard

Cartridge OD:
2 1/2" to 4 1/2"

Length:
3" to 50"
Special lengths available

Efficiency: 90% nominal

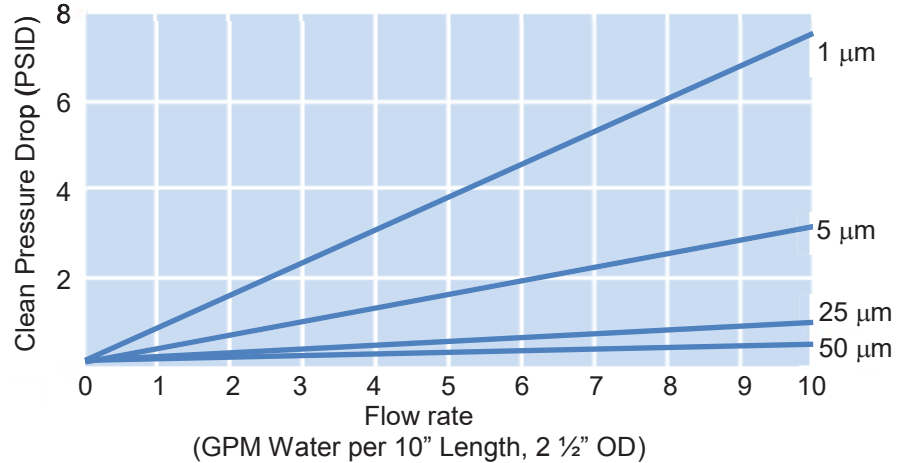
Maximum Differential Pressure (DP):
60 PSID (4 bar)

Recommended Maximum Change-Out DP:
15 PSID (1 bar)

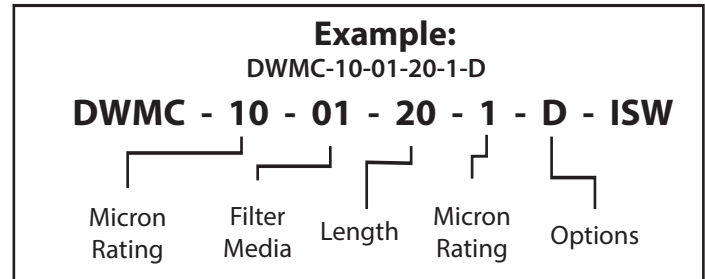
Maximum Temperature: 180° F

Pressure Drop vs. Flow Rate (estimated)

(Refer to melt blown section rating)



Note: Please consult factory for data on other media and fluids.



DWMC Fusion Model/Code Ordering Info

MICRON RATING	FILTER MEDIA	LENGTH INCHES	MELT BLOWN SECTION MICRON RATING	OUTSIDE DIAMETER	OPTIONS	O-RINGS
0.5	01 - FDA polypropylene	3.75	0.5	D- 2 1/2"	Blank - DOE, plain ends	Blank = Buna
1	02 - Fibrillated polypropylene	5	1	F- 2 3/4"	2SPR - 222 w/ spring top*	none if DOE
3	06 - FDA bleached cotton	10	3	*J- 4 1/2"	2SD - 222 w/ disc*	-E = EPDM
5	15 - Fiberglass	20	5		2SF - 222 w/ fin*	-S = Silicone
10		29.25	10		6SPR - 226 w/ spring top*	-V = Fluoroelastomer
15		30	15		6SD - 226 w/ disc*	
20		40	25		6SF - 226 w/ fin*	
25		50	50		E - DOE, extended core	
30					GP - DOE, polyethylene gasket (heat sealed to filter)	
50					P - Plug in one end	
75					SPR - SOE, with polypro spring	
100					SPRE - SOE, with polypro spring and extender	
125					IBL - Individually bagged and labeled	
150					*ISW is standard	
200					ISW - Individually shrink wrapped	
					ISWL - Individually shrink wrapped and labeled	

*O-Rings are only available on 222 and 226 options

Contact AJR to inquire about custom materials and configurations