MPF-J SeriesFilter Cartridges



MPF-J Series are conventionally wound cartridges available in a wide range of materials. The materials of construction (filter media and core) offers broad chemical and temperature compatibility.

Continuous length winding eliminates the "joints" found in conventional multiple length cartridges. This eliminate problems of restricted flow and bypass

Tolerances on the single roving filter media are rigidly controlled to produce a quality cartridge with consistent filtration characteristics.

APPLICATIONS

- Process water
- Chemicals acids, alkalies, solvents, electroplating, photographic solution.
- Beverages soft drinks, beer and spirits.
- Food Products edible oils, cocoa butter and sugar syrups.
- Petrochemical polyester resins, organic chemicals
- Oil & Gas lube oil, amines, Benfield solution, glycols, condensate.

PRODUCT FEATURES

Over nine different filter medias and four different core materials for a variety of chemical applications

Fiberglass filter media and a choice of metal cores for high temperature applications up to 400 °C

Filter products available from selected materials approved by US Food and Drug Administration (FDA) for use on foods and beverages.

Manufactured on precision winding machines to an engineered pattern to give accurate micron retention and progressive depth filtration.

Continuous wind pattern over full cartridge length means no joints or dead spots, no bypass and ensures uniform flow through the entire filter element.

Standard cartridge dimensions are from 9-34" to 40" long and 2-1/2" in diameter. Special dimensions are available upon request.

Wide choice of materials and micron ratings in optimize filter life for lowest filtration cost.

OPERATING PARAMETERS

Maximum Operation Temperature :

- Dependent on media/core selection
- See Selection Guide

Maximum Differential Pressure:

- 70 psid (4.8 bar)

Recommended Cartridge Change-out:

- At 35 psid (2.4 bar)

BENEFITS

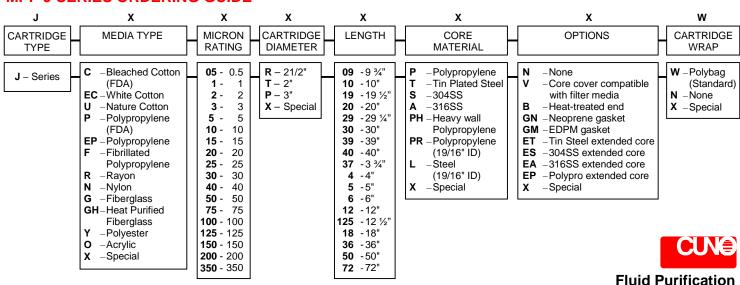
- Broad Chemical Compatibility
- Broad Temperature Compatibility
- Suitable for Food and Beverages
- Consistent Filtration Characteristics
- Elimination of Potential Bypass
- Fits all Industrial Housings
- Cost- Effective Filtration



FILTER MEDIA AND CORE SELECTION GUIDE

Media	Maximum Temperature	Core	Applications
Cotton	150°C	Tin Plated Steel	Potable water, beverages, food and vegetable oils.
(Bleached)	150°C	304 & 316 SS	Metal core cartridges can be used up to 150°C on vegetable oils.
JC	60°C	Polypropylene	Cartridge materials meet FDA requirements.
Cotton	150°C	Tin Plated Steel	Water, organic solvents, petroleum oils.
(White)	150°C	304 & 316 SS	
JEC	60°C	Polypropylene	
Cotton	150°C	Tin Plated Steel	Non-critical applications
(Unbleached)	150°C	304 & 316 SS	
JU	60°C	Polypropylene	
Polypropylene	95°C	Tin Plated Steel	Potable water, beverages, food and vegetable oils. Cartridge
	95°C	304 & 316 SS	materials meet FDA requirements.
JP	60°C	Polypropylene	
Polypropylene	95°C	Tin Plated Steel	Filtration of water, concentrated acids, alkalis, organic acids,
(Industrial)	95°C	304 & 316 SS	oxidizing and reducing agents and many other chemicals
JEP	60°C	Polypropylene	
Polypropylene	95°C	Tin Plated Steel	Some chemical compatibility as polypropylene. Has no lubricant
(Fibrillated)	95°C	304 & 316 SS	so will not cause foaming – suitable for electroplating.
JF	60°C	Polypropylene	
Rayon	150°C	Tin Plated Steel	Chemical compatibility similar to cotton. Used primarily in filtration
	150°C	304 & 316 SS	of petroleum oils.
JR	60°C	Polypropylene	
Nylon	150°C	Tin Plated Steel	Special process applications, concentrated alkalis and
	150°C	304 & 316 SS	hydrocarbons. Used for condensate filtration at elevated
JN	60°C	Polypropylene	temperatures
Fiberglass	175°C	Tin Plated Steel	Filtration of organic acids, organic solvents, petroleum oils, mineral
	175°C	304 & 316 SS	acids and other chemicals at elevated temperatures. Contains
JG	60°C	Polypropylene	lubricant which will discolor sulfuric acid and polyester resin.
Fiberglass	205°C	Tin Plated Steel	Baked at 430°C to remove all lubricant and organic. Used for high
(Heat Purified) JGH	400°C	304 & 316 SS	temperature filtration such as polyester resins.

MPF-J SERIES ORDERING GUIDE



Cuno Filtration Asia Pte Ltd: 18 Tuas Link 1 (3rd Floor) Singapore 638599. Tel: (65)863-8283 Fax: (65)863-8218 E-mail: sales@cunoasia.com.sg

New Delhi, INDIA. Tel: (91-11) 647-1849 Fax: (91-11) 646-3189 Mumbai, INDIA. Tel: (91-22) 825-0285

Fax: (91-22) 825-0285

Seoul. KOREA Tel: (82-2) 430-9011 Fax: (82-2) 430-9013 Chengdu, CHINA. Tel: (86-28) 338-8529

Fax: (86-28) 335-3380

Penang, MALAYSIA Tel: (0204) 641-1560 Fax: (0204) 641-1561

Beijing, CHINA. Tel: (86-10) 6507-1743 Fax: (86-10) 6507-1729

Manila, PHILIPPINES Tel: (632) 813-1764 Fax: (632) 813-1764

Fax: (86-21) 6303-5033

Tel: (852) 2388-4988 Fax: (852) 2388-5322 Shanghai, CHINA. Tel: (86-21) 6303-5033

HONG KONG