
The Murdock Company, Inc.



MicroExact™

MW SERIES

Continuous Stringwound Filter Cartridges

Murdock's new MicroExact™ stringwound filter cartridges are designed to meet the standards of a wide spectrum of industries. Our high-grade yarns are designed for all applications at an economical cost. With various grades of center cores, these cartridges are manufactured to the most stringent production standards making them the new benchmark of the industry. Materials of construction are specifically chosen to match each application independently.

The Murdock MicroExact™ cartridge should be your choice when quality is essential to the process.

Features

- The MicroExact™ Stringwound series is available in 0.5, 1, 3, 5, 10, 15, 20, 25, 30, 50, 75, 100, 125, 150, 200, 250 and 300 nominal micron sizes
- Each cartridge is inspected by our trained operators to ensure no manufacturing defects
- FDA grade elements are designed to be used as polishing grade cartridges
- FDA materials meet requirements of the FDA Title CFR21 of The Code of Federal Regulations
- Cartridges are designed for maximum throughput and particle retention at the lowest pressure drop
- Polypropylene, Cotton, Polyester, Nylon and Rayon construction offers a wide range of compatibility
- Compatible cores such as polypropylene, tin plated steel, 304 and 316 stainless steel
- Cartridge lengths from 3" to 40"
- Components used are compatible with ANSI/NSF 42 requirements for potable water if required

Application

- Process Water
- Food & Beverage
- Chemical
- Photographic
- Pharmaceuticals
- Electronics
- Plating
- Printed Circuit
- Cosmetics
- Paint & Ink
- Petro-Chemicals

Product Specifications

Materials of Construction

Filtration Media:	Polypropylene, Cotton, Polyester, Nylon, Rayon
Center core:	Polypropylene, Glass filled Polypropylene, Tin plated steel, 304 & 316 Stainless Steel
Extended core options:	Polypropylene, Tin plated steel, 316 Stainless Steel
Core cover options	Compatible with yarn and core combinations
End treatments:	Various and treatment and O-ring sealing options
Gaskets and O-Rings	Buna, Viton, Silicone, Ethylene Propylene, Teflon Encapsulated Silicone

Ordering Guide

	MEDIA CODE	MICRON CODE	DIAMETER SIZE	DIAMETER CODE	FILTER LENGTH	CORE TYPE	CORE CODE	CORE TYPE	COVER CODE
*FDA Polypropylene	PP	.5	1"	ZZ	3"	*Polypropylene	P	None	No Symbol
		1	1 3/8"	Z	4"	Glass filled polypropylene	PH		
		3	1 1/2"	Y	5"				
Polypropylene	P	5	1 3/4"	X	6"	Tin plated steel	T	Compatible with filter	C
		15	2"	B	9 3/4"				
Fibrillated Polypropylene	PF	10	2 7/16"	A	10"	304 Stainless steel	A		
		20	2 5/8"	C	12"				
		25	2 3/4"	D	12 1/2"				
Polyester	PY	30	3"	E	19 1/2"	316 Stainless steel	S		
FDA Cotton	CC	50	3 1/2"	F	20"				
Blended Cotton	C	75	4"	G	29 1/4"				
Natural Cotton	CN	100	4 1/2"	BB	30"				
Rayon	R	125	5"	H	39"				
Nylon	N	150	5 1/2"	I	40"				
		200	6"	J					
		250							
		300							
Example: MW	P	20		A	10		P		C

*Components used are compatible with ANSI/NSF 42 requirements for potable water if required. Custom diameters, lengths, and media available upon request. Please consult factory.

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