

The Murdock Company, Inc.



MicroExact™

MG SERIES

FiberGlass Resin Bonded Filter Cartridges

Murdock's new MicroExact™ FiberGlass resin Filter cartridges are designed to meet the standards of a wide spectrum of industries. High grade virgin glass is used for all applications at an economical cost. Various micron grades and core configurations are a great choice, and manufactured to the most stringent production standards making them the new benchmark of the industry. Our materials of construction use a proprietary method that exceeds our competitors. The Murdock MicroExact™ cartridge should be your choice when quality is essential to the process.

Features

- The MicroExact™ MG series is available in 0.5, 1,3,5,10,25,50,75,100,150 and 200 nominal micron sizes.
- Each cartridge is inspected by our trained operators to ensure no manufacturing defects.
- MG series elements are designed to be used as polishing grade cartridges
- Cartridges are designed for maximum throughput and particle retention at the lowest pressure drop
- Fiberglass construction offers a wide range of compatibility
- Cartridge lengths from 3" to 40"

Application

- Adhesives
- Gasoline
- Lithography Processors
- Photographic Chemicals
- Solvents
- Xray processing chemicals
- Resins
- Fertilizer
- Oils
- Paints & Varnishes
- Inks
- Aerosol Products

Product Specifications

Materials of Construction

Filtration Media:	Fiber Glass Resin Bonded
Outer sock	Cotton
Center core:	Polypropylene Tin plated steel 304 & 316 Stainless steel
Extended core options:	Polypropylene and Stainless steel
Maximum Continuous Temperature:	200° F Please consult factory for correct sizing

Recommended Pressure Drops

Filter Type	Pressure Drop (psi)
Tin Plated Steel	70
Stainless Steel	75
Polypropylene core	75
Heavy Polypropylene	150

Ordering Guide

MG		C	5	F		T	C		
MEDIA CODE	SOCK TYPE	SOCK CODE	MICRON CODE	LENGTH TYPE	LENGTH CODE	CORE TYPE	CORE CODE	CORE COVER	COVER CODE
Fiberglass resin bonded	Cotton	C	1	3	A	Polypropylene	P	None	No
Standard	No sock	NS	3	4 3/4"	B	Heavy polypropylene	HP		Symbol
Diameter			5	9 1/2"	D	Tin plated steel	T	Compatible	C
2 1/2"			10	9 3/4"	E	304 stainless steel	A	With filter	
			15	10"	F	316 stainless steel	S		
			25	12"	G	No core	NC		
			50	19 1/2"	K				
			75	20"	L				
			100	29 1/4"	U				
			125	30"	V				
			150	39"	X				
			200	40"	Y				

Custom diameters and lengths available upon request. please consult factory.

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