

# FILTER BAGS

## Liquid Filtration

Mesh media available from 45 to 1000 microns

Felt Media available from 1 to 150 microns

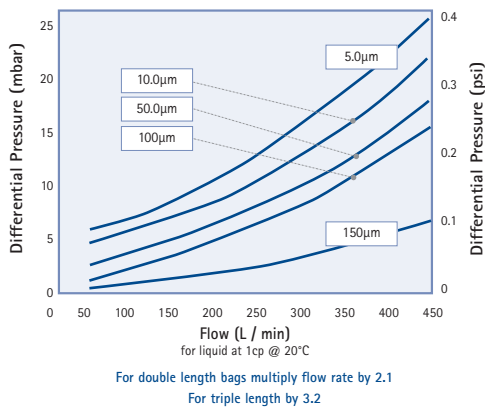
Low maintenance costs and quick changeout



## Product Information

domnick hunter Technologies range of filter bags are manufactured from a variety of filter media each specifically chosen for its compatibility with a wide range of process liquids. FDA approved materials can be offered for food and pharmaceutical processes. Typical applications include paints, pigments, laquers, varnishes, inks, waxes, coolants, cutting oils, food products, petroleum products and general process waters. They are particularly effective in high viscosity applications (up to 4000 cps). Bags are available in nominal ratings from 1 to 150 microns in felt materials and 45 to 1000 microns in meshes. The filtration mechanism employed within filter bags allows high flowrates and high dirt holding capacity, this combined with low maintenance costs and quick change out makes bag filtration an extremely cost effective means of liquid clarification. Bags are available to suit most common filter housings, a custom design service is also offered. domnick hunter Technologies also supply a full range of filter housings in stainless steel and polypropylene suitable for bag and cartridge applications. Special and coded units can also be manufactured.

## Flow Rates



## Materials of Construction

Filtration Media	:	Polypropylene Felt Viscose Felt Nylon Felt Polyester felt Nomex* Felt Nylon Mesh
Ring	:	Electro Plated Steel Stainless Steel Moulded Polypropylene Polypropylene

\*Nomex is a registered trademark of E.I. du Pont de Numours and Co Inc.

## Food and Biological Safety

Materials conform to the relevant requirements of 21 CFR Part 17.

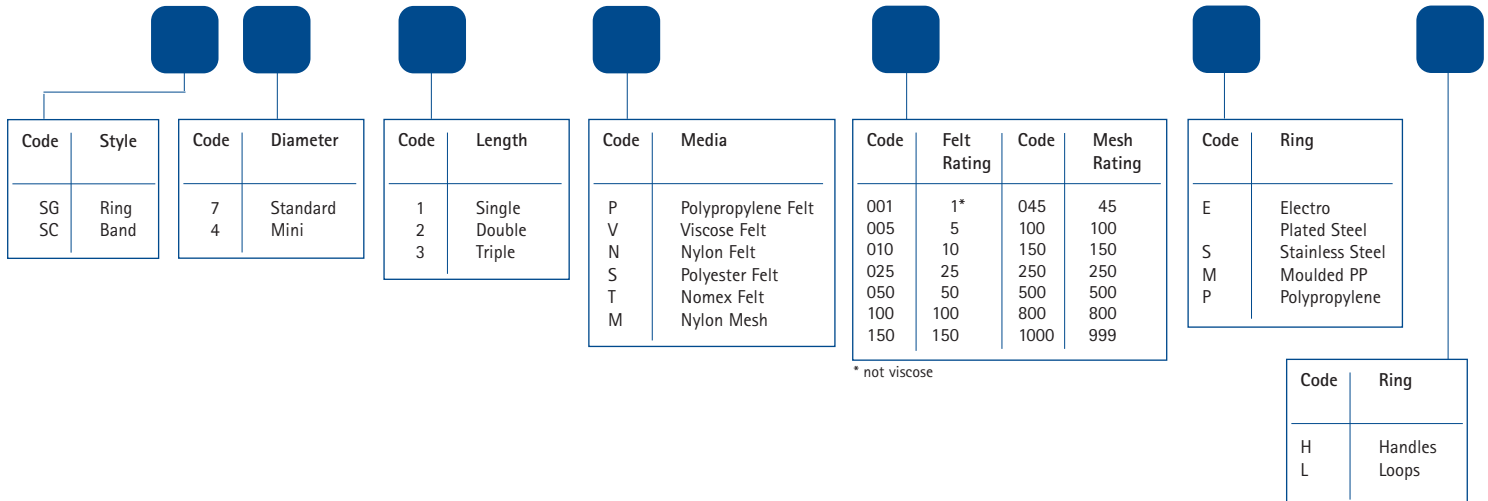
## Viscous Flow Correction Factors

Viscous Flow Correction Factors													
Fluid Viscosity (cps)	10000	8000	6000	4000	2000	1500	1000	800	600	400	200	100	1
Flow rate (% Water)	2.1	2.6	3.5	5	8	11	16	17	25	35	58	58	100

## Compatibility

Material	Compatibility							
	Max Temp Temp	Organic Solvents	Oils and Fats	Alkalies	Organic Acids	Mineral Acids	Oxidising Agents	Resistance to micro-organisms
Polypropylene	95	Good	V. Good	Good	V. Good	Good	Fair	Fair
Viscose	121	V. Good	V. Good	Good	Good	Poor	Fair	Fair
Polyester	150	V. Good	V. Good	Good	Good	Good	Good	Good
Nylon	135	V. Good	V. Good	Good	Fair	Poor	Poor	Poor
Nomex	220	V. Good	V. Good	Good	Fair	Fair	Poor	Poor

## Selection



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