Mesh Filter Bags

Nylon Monofilament & Polyester Mesh — 35 to 800 Micron

Mesh filter bags provide precise surface filtration with a defined, woven pore opening — and unlike felt, they can be washed and reused. Universal Filters manufactures nylon monofilament (NMO) and polyester mesh bags from 35 to 800 microns in all standard bag sizes, with FDA-grade mesh for food and beverage straining.

Mesh Media

Media	Common micron ratings	Notes
Nylon monofilament (NMO)	35, 75, 100, 150, 200, 250, 400, 600, 800	The standard mesh bag; excellent strength and abrasion resistance; true cutoff
Polyester multifilament (PEMU)	150–800	Economical straining; softer hand
FDA-grade mesh (NMO-FD / PEM-FD)	Various	Food, beverage, and bottling service with certificates on file

When to Choose Mesh over Felt

Defined particle cutoff — monofilament mesh has a uniform woven opening; nothing larger passes. **Reusable** — wash out the cake and return the bag to service. **Product recovery** — capture and reclaim solids rather than absorbing them into depth media. **Low fiber shedding** — no loose fibers migrating downstream. For high dirt-holding capacity or ratings below 35 µm, felt is usually the better choice.

Standard Sizes

Size	Diameter	Length	Surface area	Typical max flow*	Bottom
Size 1	7"	16.5"	2.2 ft²	~90 GPM	Flat
Size 2	7"	32"	4.4 ft²	~180 GPM	Flat
Size 3	4"	8"	0.5 ft²	~25 GPM	Point
Size 4	4"	14"	1.0 ft²	~45 GPM	Point

*Clean water service. Derate for viscosity, tight micron ratings, and heavy solids loading. Sizes 5 (4"×24"), 7/8/9 (5.65" dia.), 12 (8"×32"), Parker C and Cuno PC styles, and fully custom dimensions also available.

Construction Options

Sewn with steel, stainless, polypropylene, or nylon rings; flange tops; drawstring and tie-on styles for open tanks, standpipes, and pipe outlets.

Quotes: call 800-554-8555 or use the quote form at universalfilters.com/request-a-quote/ — send a part number (ours or a competitor's), a spec, or a drawing. Most quotes go out the same business day.

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