Welded Filter Bags

Ultrasonically Welded Seams — No Needle Holes, No Bypass

Welded filter bags eliminate the weak point of every sewn bag: the needle holes. Universal Filters ultrasonically welds the seams and bottom, fusing the media to itself — no thread, no needle punctures, no bypass path for unfiltered liquid.

Why Welded Construction

No needle-hole bypass — sewing needles punch holes larger than most micron ratings; welding leaves the media intact. **No thread** — nothing to wick, fray, or shed into the process. **Silicone-free** — built without sewing lubricants, critical for paints, coatings, and inks where silicone causes fisheyes. **Seams as strong as the parent media**, even under pressure spikes.

Specifications

Attribute	Options
Sizes	Size 1 (7" × 16.5") and Size 2 (7" × 32") standard; sizes 3–4 and custom on request
Media	Polyester and polypropylene felt, 1–200 micron; glazed finishes available
Tops	Welded plastic flange (snap-seal), Parker C-band, Cuno-style
Edge orientation	Raw material edge in (standard) or out (option A)
Compatibility	Fits standard size 1 and 2 housings — Eaton, Rosedale, FSI, Parker, Hayward, and others

Typical Applications

Paints, coatings, and inks (gel and seed removal at final filtration); high-value chemicals; any process where downstream clarity is checked with instruments rather than eyeballs. If your process tolerates the slight bypass at stitch lines, a sewn bag costs less — we make both, so the recommendation is honest.

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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