Sewn End Filter Elements

Sewn End Style - Cylindrical, Double Open Ended (DOE) with attached textile gasket seal, perforated steel center core (or when by others possibly inferior expanded metal). Filter media is sewn or ultrasonically bonded over a pleated woven wire cage. The large sewn end filter is illustrated with optional backwash screen banded to the exterior of the filter media. Sewn end style filter elements can serve in high temperatures (700+°F with all glass filter media) or environments with aggressive chemistry that might otherwise attack filters with molded ends. ***However, with the newest Polyurethanes now being used, molded ends can replace sewn end elements for most common services at a fraction of the cost.***

Sewn End Filter Elements have rugged metal baskets and hand sewn media that match a design proven for decades. These elements are constructed entirely from metal and textile media, without needing any potting material or synthetic end seals. They can endure services with otherwise difficult chemistry or high temperatures that molded end elements or some adhesives used in metal ended filters could not withstand.

We start with heavy duty 16 & 20 ga. center cores with 58% open area for lower ΔP. *Competitors will often use expanded metal or off grade perf.* Large elements get solid steel support rings and welded lift lugs to assist you in handling. We double weld for superior strength. Our standard deck wire is woven to width. *Competitors will often use mild steel screen (rusts) with raw cut edges that can poke through the media.* When a non-standard width is required, we do something no one else does, we fold it. We preclude the chance for sharp wires to damage the crucial filter media, or even more importantly, your hands! Our radius cut notch ring reliably secures the pleated deck wire assembly to the element core. *Others use square cut notch ring that fails.* Standard sewn end filters (those with cat#s ending with K5) use corrosion inhibited carbon steel cores, epoxy coated deck wire, and high flow 10µ (98%) polyester felt media. For corrosive services, we offer optional 304 or even 316 stainless steels. A wide selection of alternative filter media covers a full spectrum of chemical resistances, with particle retentions down to 1 µ, and service to 700°F.

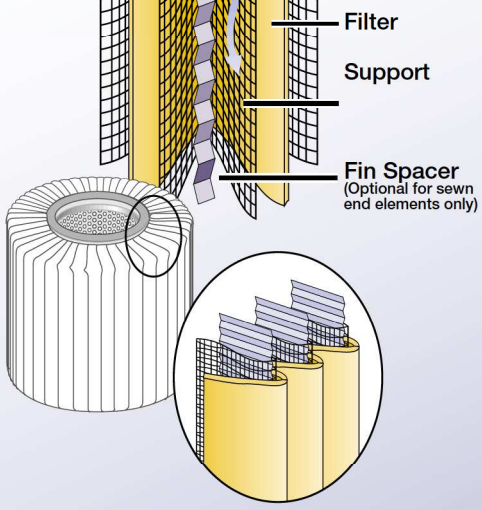
Factory Recover Service: We recover all brands and makes of sewn end filters. If the soiled filter is safe to handle, return it to us. We will replace the filter media and gaskets, at a fraction of the cost of a new filter. Owing to the extra care we put into the manufacture of our own sewn end filter elements, we can factory recover them forever*.

These "baskets" are ruggedly built. Cores are 58% open 16 or 20 ga. steel, all wire screen is epoxy coated and woven to width, notch ring is radius cut, support rings are plentiful. They are durable to enable multiple factory recoveries.

*Please note: *We cannot rebuild filters that have been subjected to hazardous service or environments beyond their design expectations. For safety reasons, MSDS (Material Safety Data Sheets,) or Certificates of Compliance are required prior to accepting filter elements for recovery.*

Does your P/N have a -BK- or an -HK- in it?

Sewn end filters may also have optional backwash screen (BK , BN) and/or fin spacers (HK, FK, FN, HN). In the interest of brevity, we did not list each filter with all possible options.



Backwash screen is useful if the fluid flow is ever reversed to clean and extend the service life. For top performance, we pleat backwash screen to full height & full fin depths.

Fin spacers are corrugated metal strips placed within the interior pocket of each pleat to promote flow in high ΔP, or liquid service.

We offer all options, including alternate filter media (does your P/N end in different numbers?), and 304SS metal parts (an N vs. a K). Please call if your P/N is close.

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