

# Sidco Replacement Filters

*Your Leading Manufacturer of Industrial Air Filter and Gas  
Filter Replacements*

## Sewn End Filters



Industrial sewn end filters are an industry standard used in the most difficult applications, where chemical compatibility and temperature concerns dictate the style of filter. Sewn end filters are typically constructed of carbon steel. Galvanized perforated steel sheet metal is rolled to form the rugged inner core, and is then welded to a steel frame or skeleton. The skeleton is made from pleated woven wire which supports the sewn pockets or pleats of the textile media. The textile media covers the skeleton and gaskets. A second layer of wire mesh can be pleated to, or placed around the outside of the media, for more rigorous applications and backwashing environments. Stainless steel parts and high-temperature medias are also available for use in aggressive environments. Backwash screen is one of the most common options for sewn end filters. Backwashing screen may be needed if the application has a reverse fluid flow; where the flow direction is from the inside-out. Backwash screen is designed to extend the life of the filter element by preventing the textile media from being pushed away from the inner core. Sewn end filters may be Sanobonded, stitched, or glued with adhesive depending on the media and intensity of application. Sewn end filters extend the life of vacuums, pneumatic controls, meters, and other pipeline equipment by trapping particulate, absorbing moisture, and preventing contaminants from progressing downstream.

**Sidco's sewn end filters are effective in removing up to 98% of particulate and contaminants from air, gas, and liquids.**

## BENEFITS OF SEWN END FILTERS

- Built to OEM specifications.
- Designed for more efficient performance than OEM replacement filters.
- Compatible with your original equipment.
- Textile media options are washable at the job site.
- Sewn end filters can be factory recovered or reconditioned.
- Constructed with domestically sourced, higher quality materials than our competitors.
- Manufactured with heavier duty construction when compared to competitor products.
- Sidco sewn end filter replacements will provide you with a significant saving in cost.

## SPECIFICATIONS FOR SEWN END FILTERS

- **Media** – 10 $\mu$  polyester felt, 5 $\mu$  polyester felt, woven polyester, rayon felt, rayon/nylon felt, woven nylon, Nylon woven mesh, wool, wool felt, woven cotton (HEC), woven cotton, terry cloth cotton, woven polypropylene, polypropylene felt, woven Dacron®, lofted Dacron®, fiberglass, woven fiberglass, Dynel®, Dynaglass®, woven virgin Teflon®, woven Teflon®, Teflon® felt, Aramid® felt, Nomex® felt, woven Nomex®, Tetratex®, Actipure carbon paper.
- **Endcap Style** – Felt gaskets, braided fiberglass rope gasket, formed, or die-cut
- **Cores** – Galvanized perforated carbon steel, 304 or 316 galvanized perforated stainless steel.
- **Media Support and Backwash** – Epoxy coated steel screen, galvanized wire mesh or screen, 304 or 316 stainless steel wire mesh or screen.
- **Options**– Support rings for reinforcing inner core, felt or fiberglass gaskets, outer support bands or strapping, backwashing support, lift lugs, J-hooks.
- **Unique Features** – Most sewn end filters can be backwashed, cleaned at the job site, or sent in for recovery. Textile medias are available from 1 $\mu$  to 300 $\mu$ . Some are hydrophobic or flame retardant, and a variety of Sidco's filter media are rated to withstand temperatures up to 700°F.

## APPLICATIONS

- Compressed air and gas streams.
- Air intake filters on blowers, compressors, and pumps.
- Inlet vacuum filters.
- Chemical and reticulated liquid applications including lube oil, plant water, cooling systems.
- High-temperature applications, some up to 700°F.
- Backwashing environments.