

SPARKS FILTERS™ SEWN ENDS VS NAFCO REAL FILTER™ PRODUCT COMPARISON SHEET



For over 40 years, Shawndra Products™, Inc. has replaced the NAFCO Real Filter™ cartridge with our Sparks Filters™ Sewn End Elements.

Sparks™ 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.

The NAFCO Real Filter™ is a rolled angle flanged sewn end. While we do not offer a direct replacement for these cartridges, we have been offering a best in class Sparks™ Sewn End Style filter for over 40 years. Our Sewn End Style filter meets all fit, form, function and filtration efficiency specs as the NAFCO Real Filter™ cartridges with many advantages in its design.



End Seal:

Hand sewn gaskets providing a positive mechanical seal. Will not fail at high temperatures or with aggressive chemistries.

By using a sewn gasket vs a rolled angle flange, Sparks™ Filters are lighter in weight without compromising the strength or differential pressures the element can withstand.

By reducing the weight, maintenance is easier on the operator and freight costs are reduced.



NAFCO/FFA Real Filter™

End Seal:

Rolled angle flange requiring the use of adhesives that are prone to failure at higher temperatures or applications with aggressive chemistries.

The rolled angle flange requires the media to be secured using a worm style clamp. Worm style clamps are prone to failure in pressurized applications or those with differential pressures greater than 5 psid.

The rolled angle flange increases the weight of the cartridge, increasing the difficulty on the operator for maintenance and higher freight cost.

SPARKS FILTERS™ VS REAL FILTER™

		Real Filter™
Sewn Gasket	✓	✗
Glues or Adhesives	✗	✓
Positive Seal With Media	✓	✗
Light Weight	✓	✗
Reduced Freight Cost	✓	✗
Ease of Maintenance	✓	✗
Factory Recoverable	✓	✓
Third Party Independent Media Test Data	✓	✗
Availability in 1 Week or Less	✓	✗

ABOUT US

For more than 40 years, Shawndra Products™, Inc. has provided air and gas filters for critical industrial applications. Shawndra™ includes three divisions: Sparks Filters™ (replacement and custom filter elements), Rush Certified (ASME Code Stamp Holder for Pressure Vessel fabrication), and A&E Testing (Non-Destructive Testing services).

We manufacture quality direct replacement elements for Dollinger, Consler (Graver), Ingersoll-Rand, Atlas Copco, IFM, Sunshine, Endustra, Universal Silencer, NAFCO, and many others. Shawndra™ provides lube oil filters, sewn end filters, panels, and a full line of molded-end filters.

Our filter vessels are designed to serve a wide range of industries including natural gas, chemical processing, and power generation. We offer efficient systems that are safer to operate and offer enormous operating savings over the industry-leading systems.

We have a wide range of customized design, engineering, and fabrication capabilities. Our staff is dedicated to providing excellent service and solutions for your specific application. We work with our customers to provide specialized ASME Code filter vessels, low-pressure sheet metal housings, and filter elements. Our welding capabilities also allow us to fabricate vessels to your drawings.

A&E Testing provides in-house Non-Destructive Testing services. This wholly owned subsidiary provides Shawndra™ with the capability to produce ASME Code stamped vessels with lead times much shorter than industry standards.