



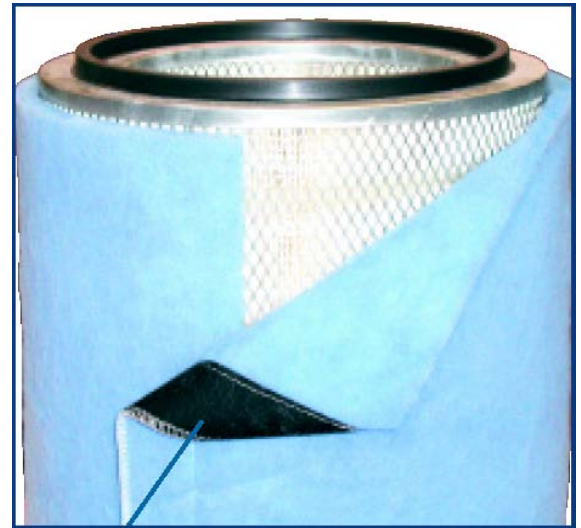
Pre-filter Wraps

Donaldson pre-filter wraps extend primary filter service life and add an additional stage of filtration on turbine air inlet static filter systems. These medium efficiency polyester pre-filters are designed to capture large particles, insects, seeds and airborne fibers before they reach the filter cartridge. Many operations use wraps to protect against site-specific seasonal problems, such as insects or cottonwoods seeds.

Wraps are inexpensive and easy to change. They can be installed and removed without shutting down the turbine.

Great for:

- Urban and industrial environments with a mix of dust and hydrocarbons.
- Areas with seasonal higher-than-normal concentrations of airborne fibers, seeds or large particulate.



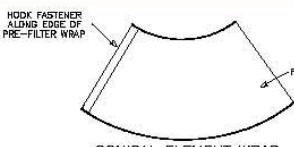
Velcro® strip for secure closure

We generally don't recommend using wraps on pulse-cleaned systems. The pulsing causes the particulate to migrate through the wrap into the pleated filter media, where it becomes trapped in the pleats: the wrap prevents it from pulsing away.

Features

- High-loft filter media has minimal effect on system ΔP .
- An integral tackifier in the media makes dirt particles cling to the fibers.
- Velcro closure had major benefits:
 - It allows easier installation and removal around cylindrical and conical filters compared to other 'sock' styles of wrap.
 - It allows you to create a snug fit without gaps, resulting in better performance.

Donaldson pre-filter wraps are easier to install and remove because they have a Velcro strip at the seam. Competitive wraps are more like socks, designed to slide over the filter. And anyone who's ever tried to do that knows how difficult 'sliding' the rough texture of the wrap over the filter can be! So take it easy – with Donaldson wraps!

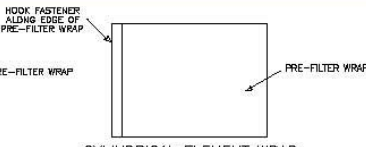


HOOK FASTENER ALONG EDGE OF PRE-FILTER WRAP

PRE-FILTER WRAP

CONICAL ELEMENT WRAP

Conical wrap laid out flat

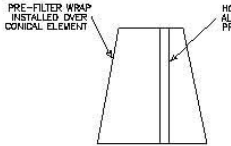


HOOK FASTENER ALONG EDGE OF PRE-FILTER WRAP

PRE-FILTER WRAP

CYLINDRICAL ELEMENT WRAP

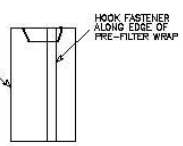
Cylindrical wrap laid out flat



PRE-FILTER WRAP INSTALLED OVER CONICAL ELEMENT

HOOK FASTENER ALONG EDGE OF PRE-FILTER WRAP

Installed on Conical Element



PRE-FILTER WRAP INSTALLED OVER CYLINDRICAL ELEMENT

HOOK FASTENER ALONG EDGE OF PRE-FILTER WRAP

Installed on Cylindrical Element



Length

22"
26"
27"
28"
30"
34"
36"

Shape

Cylindrical
Cylindrical & Conical
Cylindrical
Cylindrical
Cylindrical
Cylindrical
Cylindrical

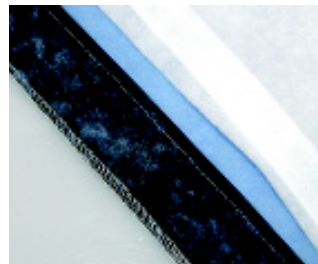
Dimensions

Weight: 7 oz/yd² (nominal)
Thickness: 0.7 »/18 mm (nominal)
Initial Resistance: <0.1" w.g.
Efficiency: 90% Arrestance

A Word of Caution

Customers tell us that our competitors offer wraps or sprays claiming that they “work just as well as Spider-Web®”. This is simply not true! Pore size (the spaces between the fibers through which air passes) of these two materials are very different: Spider-Web® is designed to capture very small particles and pre-filter wraps are designed to capture large dirt and debris. Each has a distinct purpose and function in gas turbine inlet filtration.

Compare!



- (A) When comparing the Donaldson high-loft wrap to a competitive wrap, notice the difference in thickness. The blue Donaldson wrap is about twice as thick and twice as effective! You won't have to change the Donaldson wrap as often.
- (B) The Velcro on the blue Donaldson wrap is finished on the edge instead of left raw, as on the competitive (white) one.