

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.

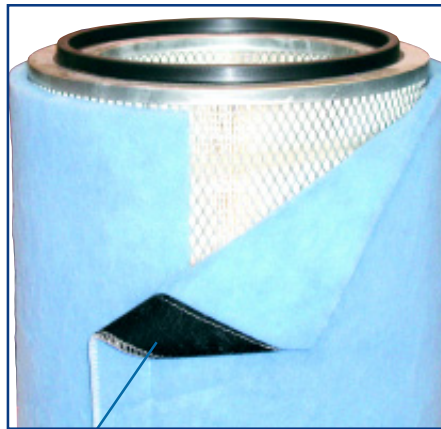
Wraps are inexpensive and easy to change. They can be installed and removed without shutting down the turbine.

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.

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 sizes (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 (see photos on page 25), and pre-filter wraps are designed to capture large dirt and debris. Each has a distinct purpose and function in gas turbine inlet filtration.



Velcro® strip for secure closure

Part No.	Length	Shape
P19-1005	22"	cylindrical*
P19-0978	26"	cylindrical*
P19-0979	26"	conical*
P19-0978	27"	cylindrical**
P19-1992	28"	cylindrical**
P19-1502	30"	cylindrical**
P19-1592	34"	cylindrical**
P19-1939	36"	cylindrical**

* In-stock ** Lead time applies

See pages 6 & 7 for part numbers of filters with wraps factory-installed.

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

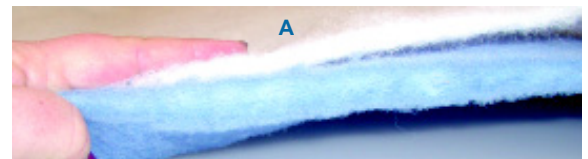
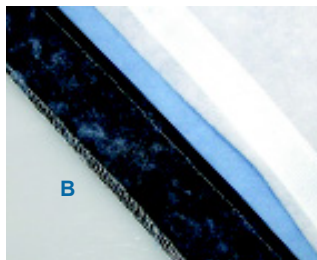
- High-loft filter media has minimal effect on system ΔP .
- An integral tackifier in the media makes dirt particles cling to the fibers.
- Velcro closure has major benefits:
 - 1) It allows easier installation and removal around cylindrical and conical filters compared to other 'sock' styles of wrap.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

Weight: 7 oz/yd² (nominal)

Thickness: 0.7"/18mm (nominal)

Initial Resistance: <0.1" w.g.

Efficiency: 90% Arrestance



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.

