

Pre-Filter Wraps

Donaldson pre-filter wraps extend primary filter service life and add an extra stage of filtration on gas turbine air inlet static filter systems. These medium efficiency polyester pre-filters are designed to capture large particles, seeds, airborne fibers and sticky hydrocarbons before they reach the filter cartridge.

Some operations use them seasonally, such as during cottonwood season in spring. Others use wraps to protect against site-specific problems, such as a nearby ash or coal processing plant.

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

A Word of Caution

We have had reports from customers that our competitors offer wraps or sprays claiming that they “work just as well as Spider-Web®.” **BEWARE! This is simply not true!** Pore sizes (the spaces between the fibers through which air passes) of these two materials are so different -- it’s like comparing a window screen to an open window! It’s very clear that Spider-Web is designed to capture very small particles (see page 22 for details), and pre-filter wraps are designed to capture large dirt and debris. Each has a distinct purpose and function in gas turbine inlet filtration.

We generally don't recommend using wraps on pulse-cleaned systems because the pulse simply drives the dirt from the filter element into the depth of wrap.

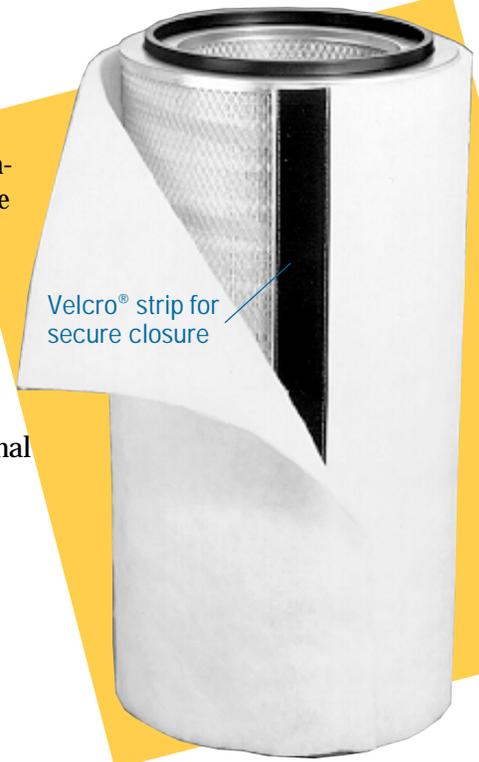
Typically Used in

- 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.

Features

- Velcro closure allows easy installation and removal around cylindrical and conical filters.
- High-loft filter media has minimal effect on system pressure drop.

Thickness: 3/4" / 19 mm
 Initial Resistance: <0.1" H₂O
 Efficiency by Weight: 75-80%



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Part No.	Length	Shape	Comments
P19-1005	22"	cylindrical	30 per box. In-stock
P19-0978	26"	cylindrical	30 per box. In-stock
P19-0979	26"	conical	24 per box. In-stock
P19-1992	28"	cylindrical	lead time applies
P19-1502	30"	cylindrical	lead time applies
P19-1592	34"	cylindrical	lead time applies
P19-1939	36"	cylindrical	lead time applies

