

# PulseGuard™ filter bags

Exceptional long life and quality

## Benefits

- Excellent moisture and chemical resistance
- Outstanding performance in high temperature applications
- Outstanding pulse cycle tolerance
- 500°F / 260°C continuous temperature tolerance

# Exceptional long life and quality

## AFT Capabilities

The difference is in the craftsmanship, process knowledge and air pollution control expertise. Expertly made in FLSmidth state of the art facilities with outstanding fabrication techniques and QC standards to ensure the highest quality possible. Our AFT® filter bags are designed to have an optimal fit for a trouble-free operation.

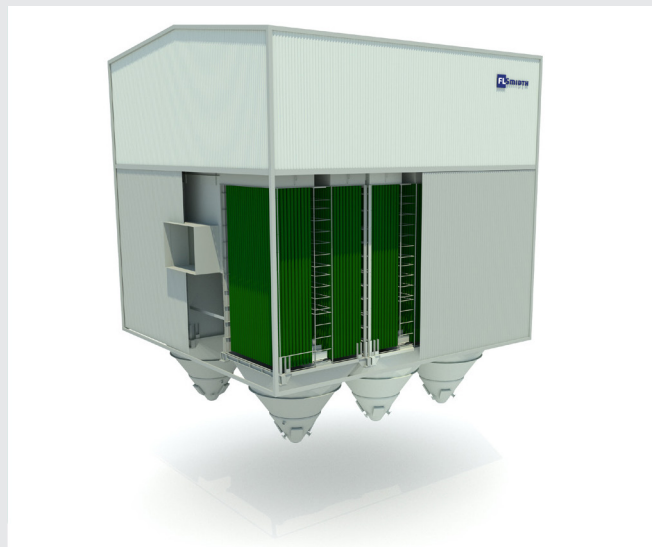
FLSmidth's 135 years of experience gives AFT a unique awareness of current industrial market needs and an unmatched understanding of plant processes. Our filter bag specialists can help you optimize your investment by selecting the best filter media for your unique application conditions and achieve the maximum life.

## Fiberglass Characteristics

- Non combustible
- Zero moisture absorption, it is not subject to hydrolysis
- Good resistance to acids, but is attacked by hydrofluoric, concentrated sulfuric, and phosphoric acid
- Fair resistance to alkalis
- Poor resistance to acid anhydrides and metallic oxides (e.g. Fluorides and sulfur oxide)
- Do not use in Steel Mill applications where the process requires fluorspar during melts

## Fiber Intrinsic Properties

- Dry Heat – Excellent
- Moist Heat – Excellent
- Solvents – Very Good
- Oxidizing Agents – Excellent
- Acids – Good
- Alkalis- Fair



## Fibre Specifications

<b>Fibre</b>	Multi-density fiberglass composite
<b>Finish</b>	Proprietary PTFE based finish and ePTFE membrane
<b>Weave pattern</b>	Composite double filling face/twill
<b>Yarn count</b>	NA
<b>Average air permeability</b>	3 - 11 (cfm/ft <sup>2</sup> @ 0.5" wg) ASTM D737 14 - 53 (l/min/dm <sup>2</sup> @ 20mm wg)
<b>Continuous service temperature</b>	500 (°F) / 260 (°C)
<b>Minimum Mullen burst strength</b>	900 (psi) 6205 (kilopascals)
<b>Pulse cycle tolerance</b>	2 to 3 times higher than regular fiberglass

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