MICRONICS
ENGINEERED FILTRATION GROUP

AFT® PulseGuard™ Fiberglass Filter Bags For High-Temperature Pulse-Jet Baghouses

hur AFT® PulseGuard™ ŧilter bags use ǿoǾeƴ ŧiberglass lamiƴated ǿith AFT® ePTF9 membraƴe ayd haǾe beeƴ tested ǿith milliоƴs oŧ ŧilter bags oǾer the last deŏadeǿ The use oŧ AFŦ ePTF9 proǾides superior ŧiltratioƴ eŦŦiŏieyŏè ǿith a surŧaŏe struŏture siÎed to ŏapture sub-miŏroƴ partiŏulatesǿ The iyŏreased tolerayŏe oŧ our AFŦ PulseGuard™ to ŧleÈ ŧatigue maʅes the ŧilter ŧabriŏ more durable ǿithout losiƴg perŦormayŏeǿ Ltŝs also aƴ ideal solutioƴ iƴ appliŏatioƴs ǿhere the high airĸŏloth ratio ŏayƴot be reduŏedǿ

The ePTF9 membraƴe surŧaŏe ŏayƴ retaiƴ a greater amouƴt oŧ partiŏulate thaƴ ayè other ŧilter media stèleΣ ǿhile the iƴhereƴt porositè alloǿs a higher gas ŧloǾ rate ǿithout iyŏreasiƴg the oǾerall diŦŦereƴtial pressure ǿ5Pú oŧ the sèstemǿ The loǾ dust peƴetratioƴ iƴto the mediaΣ ŏoupled ǿith this abilitè to better shed dust ŧrom the media surŧaŏeΣ maʅes our ePTF9 membraƴe the best ŏhoiŏe iƴ some oŧ the most demaƴdiƴg appliŏatioƴsǿ

Fiberglass /haraŏteristiŏsƴ

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Lƴtriƴsiŏ Fiber Propertiesƴ

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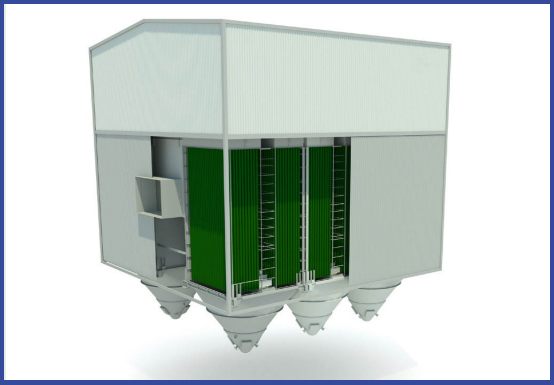
Fibre Specifications

Fibre	Multi-density fiberglass composite
Finish	Proprietary PTFE based finish and ePTFE membrane
Weave pattern	Composite double filling face/twill
Yarn count	NA
Average air permeability	3 - 11 (cfm/ft² @ 0.5" wg) ASTM D737 14 - 53 (l/min/dm² @ 20mm wg)
Continuous service temperature	500 (°F) / 260 (°C)
Minimum Mullen burst strength	900 (psi) 6205 (kilopascals)
Pulse cycle tolerance	2 to 3 times higher than regular fiberglass



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