

Fact Sheet

BHA® Wicked™ High Temp Filters - 500°F (260°C)

BHA Wicked™ High Temp pleated filters

A breakthrough in pleated filter technology for Cement, Lime, Carbon Black and other extremely high temperature applications.

Using advanced research capabilities and the latest equipment our engineers develop innovative new medias, fabrics, and solutions to meet your unique needs. We now offer the most innovative and efficient solution for high-temperature applications, BHA Wicked High Temp Filters.

Until now, there have been many design issues that limit the temperature for pleated filters forcing operators to use bag and cage filtration systems. Now plants operating at extreme temperatures have a choice, they are no longer forced to use bags and cages.

You get all the benefits of pleated filters, plus you can operate continuously at 500°F (260°C).



Unmatched performance, tested and proven at 500°F (260°C)

Some plants are pressed to operate above design capacity while being subjected to ever-tightening air emission restrictions because of environmental regulations. This means that the air pollution control equipment is being pushed harder than ever before and operators need a filter that performs reliably.

Key Benefits

- Media allows for higher operating temperatures
- Reduced air-to-cloth ratios
- Increases filtration area
- Wide, open pleat spacing and shallow pleat depth
- Shorter filters reduce bottom bag abrasion and provides a larger dropout area
- Promotes better airflow for increased throughput and production
- Reduce operating differential pressure
- Requires less pulse cleaning for potential energy savings
- Superior filtration efficiency
- Replaces your high temperature filter bags and cages with one-piece pleated filter elements



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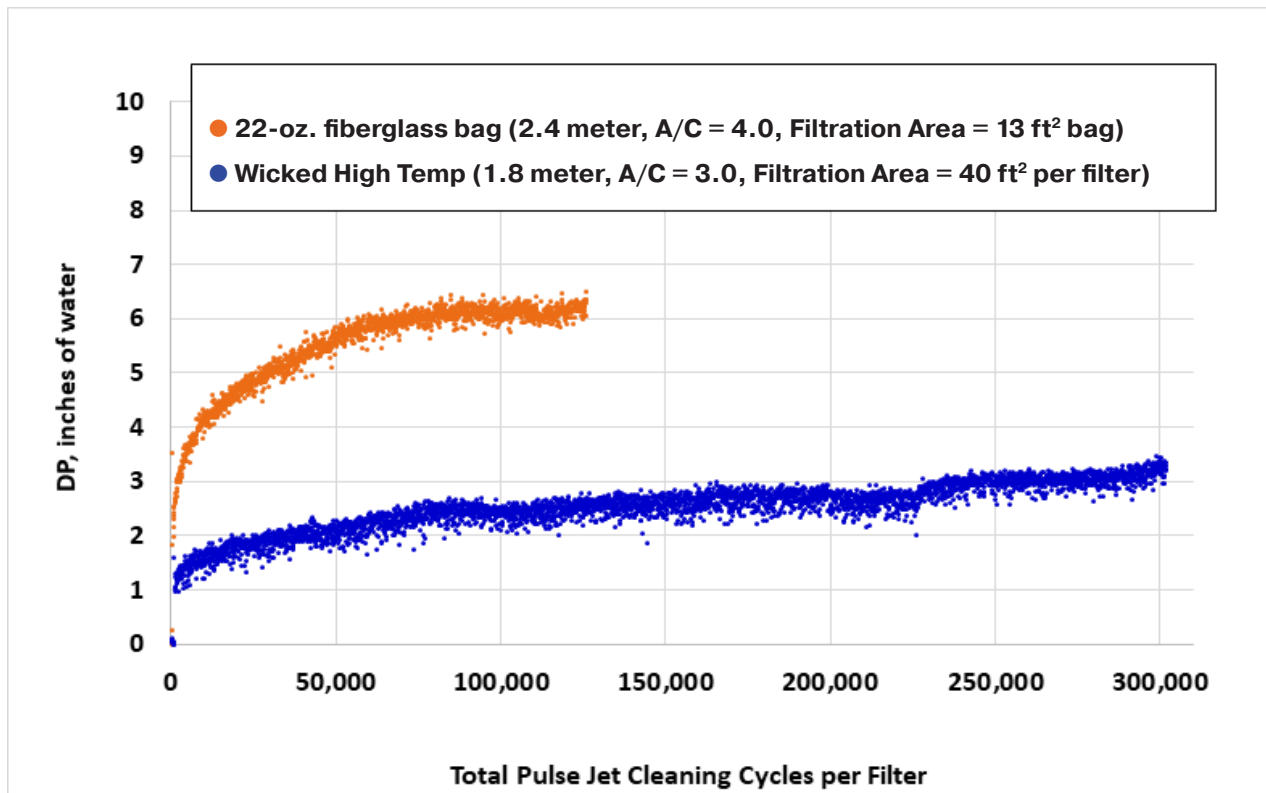
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Temperature Handling

- Maximum continuous operating temperature 500°F (260°C)

Performance Data and Filter Facts

- ASHRAE 52.2 MERV 16 rating with BHA ePTFE Membrane
- Tested up to 300,000 pulse jet cleaning cycles at 500°F with negligible mass emissions (< 1 mg/m³)
- BHA Wicked High Temp lowers the dp dramatically due to the increased filtration area
- Up to 90% lower emissions compared to standard bags



Standard Construction Features:

- Customized lengths and diameters
- Made-to-order pleat depths for different core size to achieve optimized filtration performance
- Durable, efficient, heat-resistant media
- Wicked High Temp potting compound
- Metal top and bottom construction
- Galvanized or Stainless expanded (or perforated) metal core
- Application specific pleat counts

