SYNTHETIC SPIDER-WEB®

FILTER SPECIFICATION

Cylindrical Filter Element - CFS

Gas Turbine Systems

Donaldson's proprietary Synthetic Spider-Web® filter media is durable, moisture and high temperature resistant, and pulse cleanable. It delivers superior filtration efficiency, excellent pulse cleaning effectiveness, and low resistance to airflow throughout the life of the filter.

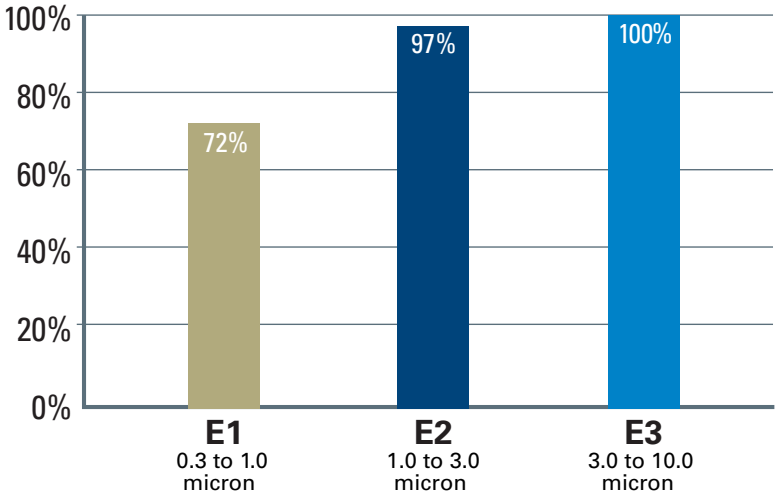
PERFORMANCE DATA

(Testing based on 2,000 CFM / 0.94 m³/s)

ASHRAE 52.2 Rating ..... MERV 13

Initial Resistance ..... 0.91" wg / 227 Pascal

52.2 MINIMUM AVERAGE EFFICIENCY RATINGS



KEY BENEFITS

- Spider-Web's high filtration efficiency offers superior turbine protection maximizing power output and minimizing maintenance costs
- The Spider-Web fibers substantially increase the filtration efficiency of the filter while maintaining very low resistance to airflow
- The ability to load dust on the surface of the filter media leads to significant improvements in filtration efficiency and allows for excellent pulse cleaning effectiveness
- Donaldson's proprietary Pleatloc™ design ensures uniform pleat spacing and contributes to low operating restriction throughout the life of the filter
- Each filter element includes a urethane gasket

SPECS

Cylindrical ..... (226 ft²/21 m² of media)

Filter Media ..... High efficiency, fully synthetic media with Donaldson Spider-Web® nanofiber

Gasket ..... Urethane

APPLICATION RECOMMENDATIONS

Synthetic Spider-Web® is a fully synthetic media. It is designed to be fully moisture resistant and is recommended for high moisture to dry environments.

PART NUMBERS — END CAPS & LINERS

P190848 ..... Galvanized (Standard)

P191469 ..... Stainless Steel (Outer Liner & Inner Liner)

P039254 ..... Stainless Steel (Outer Liner, Inner Liner & Closed Endcap)

P030281 ..... Stainless Steel (Closed Endcap)

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