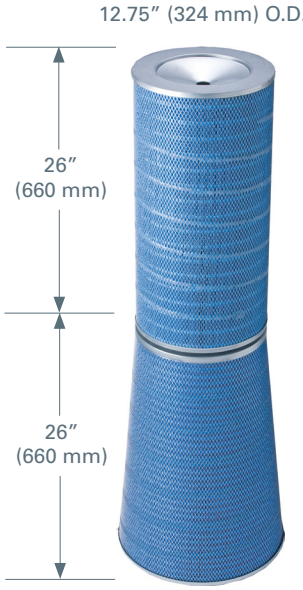
DURATEK™ SPIDER-WEB® FILTER SPECIFICATION

P030378 and P030379

Gas Turbine Systems



Donaldson's Duratek™ 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. This air filter contains non-welded liners and complies with GE inlet filter specification 221A3087.

SPECS

P030378 ..... Cylindrical (226 ft²/21 m² of media)

P030379 ..... Conical (268 ft²/25 m² of media)

Filter Media ..... Duratek™ blended media with Donaldson Spider-Web® nanofiber

End Caps & Liners Galvanized/G60

Gasket ..... Molded-in-place urethane

PERFORMANCE DATA

(Testing based on conical/cylindrical pair at 1630 CFM / 0.77 m³/s)

EN779 Rating F9

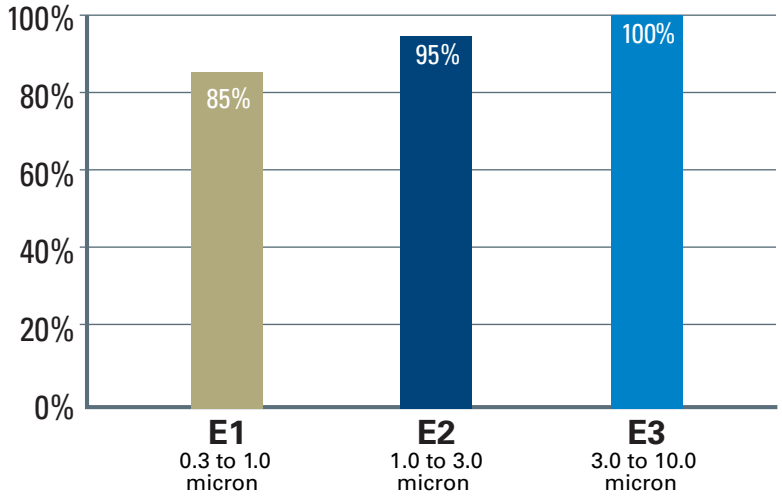
Initial Resistance ..... 0.8″ wg / 200 Pascal

Average Efficiency @ 0.4 micron 97.2%

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 molded in place urethane gasket as well as a new gasket washer to ensure a robust sealing system

52.2 MINIMUM AVERAGE EFFICIENCY RATINGS



APPLICATION RECOMMENDATIONS

Duratek™ Spider-Web® is a blended media containing cellulose and synthetic materials. It is designed to resist moisture and is recommended for moderate moisture to dry environments.

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