

## SYNTHETIC SPIDER-WEB®

### **FILTER SPECIFICATION**

22" Cylindrical Filter Element

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.

(Filtration efficiency data based on conical/cylindrical element pair at 1630 CFM / 0.77 m³/s. Restriction data

# 22" (559 mm)

12.75" (324 mm) O.D.

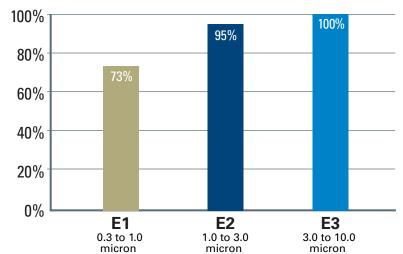
PERFORMANCE DATA

based on cylindrical element only at 630 CFM / 0.30 m<sup>3</sup>/s.)

ASHRAE 52.2 Rating...... MERV 13 EN779 Rating ...... F9

Average Efficiency @ 0.4 micron.......95.4%

# **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 nanofibers 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 to ensure a robust sealing system

### **SPECS**

**Cylindrical**.....(177 ft²/16.4 m² of media)

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

Gasket......Mold-in-place 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**

P190949	Galvanized (Standard)
P039542	Stainless Steel (Inner Liner)



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TRUSTED BY TURBINES. PREFERRED BY EXPERTS.™

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