

Donaldson's proprietary **Turbo-Tek Er2 | W1 | P5** 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.



## KEY FEATURES

- Uses Donaldson's proprietary synthetic Spider-Web® media technology
- The **Turbo-Tek Er2 | W1 | P5** fine 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 precision molded gasket as well as a new gasket washer to ensure a robust sealing system

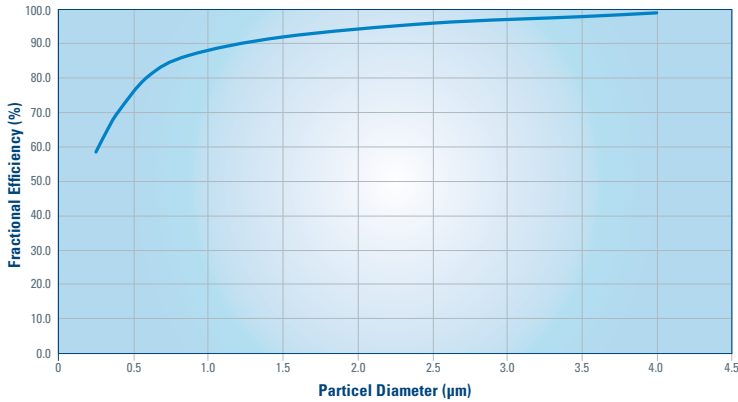
## APPLICATION RECOMMENDATIONS

**Turbo-Tek Er2 | W1 | P5** is a synthetic media. It is designed to be fully moisture resistant and is recommended for a wide range of environments.

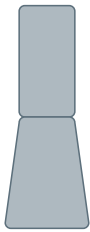
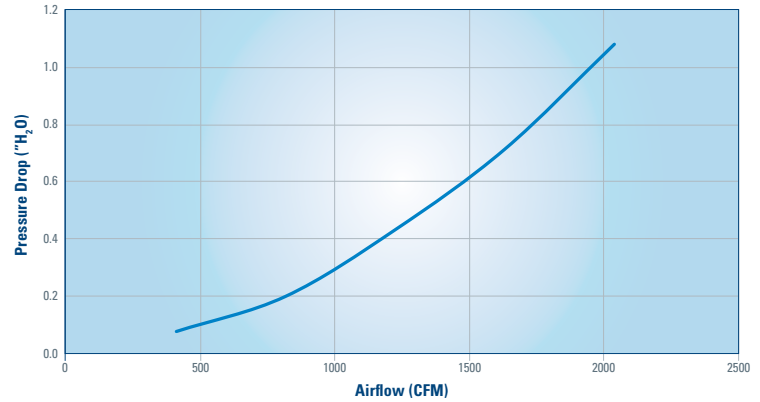
## KEY BENEFITS

- Optimal pulse performance
- High dirt loading capacity
- Low initial pressure drop
- Reduced long term operating costs in high dirt/dust conditions

**Efficiency**



**Pressure Drop**



**PERFORMANCE DATA**

Testing based on conical/cylindrical pair at 1630 CFM / 0.77 m/s

ISO 16890 Rating	ePM <sub>1</sub> 60%
EN779 Rating	F8: 2012
ASHRAE 52.2 Rating	MERV 13
Initial Resistance	0.71" wg / 177 Pascal

**SPECIFICATIONS**

Cylindrical	209 ft <sup>2</sup> / 19.4 m <sup>2</sup> of media
Conical	249 ft <sup>2</sup> / 23 m <sup>2</sup> of media
Filter Media	High Efficiency, Synthetic Media



**PERFORMANCE DATA**

Efficiency rating is based on conical/cylindrical pair at 630 CFM / 0.77 m/s

ISO 16890 Rating	ePM <sub>1</sub> 60%
EN779 Rating	F8: 2012
ASHRAE 52.2 Rating	MERV 13
Initial Resistance	0.67" wg / 167 Pascal

**SPECIFICATIONS**

Cylindrical	209 ft <sup>2</sup> / 19.4 m <sup>2</sup> of media
Filter Media	High Efficiency, Synthetic Media



**PERFORMANCE DATA**

Testing based on 2,000 CFM / 0.94 m/s

ISO 16890 Rating	ePM <sub>1</sub> 55%
EN779 Rating	F8: 2012
ASHRAE 52.2 Rating	MERV 13
Initial Resistance	0.75" wg / 187 Pascal

**SPECIFICATIONS**

Cylindrical	226 ft <sup>2</sup> / 21 m <sup>2</sup> of media
Filter Media	High Efficiency, Synthetic Media

**Other non Donaldson filter configurations are available. All end caps and liners are available in either galvanized or stainless steel. Contact your sales representative for details.**

**Important Notice:** Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

Donaldson Company, Inc.  
Gas Turbine Systems  
P.O. Box 1299  
Minneapolis, MN 55440-1299 U.S.A.

[donaldson.com](http://donaldson.com)

North America  
+1-800-431-0555  
[filterinfo@donaldson.com](mailto:filterinfo@donaldson.com)  
Australasia  
+61-2-4350-2000  
[marketing.australia@donaldson.com](mailto:marketing.australia@donaldson.com)

India  
+91-124-4807-400  
[IndiaInquiries@Donaldson.com](mailto:IndiaInquiries@Donaldson.com)  
Greater China  
+86-21-2313-7027  
[gtssales.apac@donaldson.com](mailto:gtssales.apac@donaldson.com)

Japan  
+81-42-540-4113  
[jp-ndl.gtswweb@donaldson.com](mailto:jp-ndl.gtswweb@donaldson.com)  
Korea  
+82-2-517-3333  
[gts-kr@donaldson.com](mailto:gts-kr@donaldson.com)

South East Asia  
+65-6311-7373  
[sea.salesenquiry@donaldson.com](mailto:sea.salesenquiry@donaldson.com)  
Europe, Mid-East, Africa  
+32-16-38-3940  
[GTS-europe@donaldson.com](mailto:GTS-europe@donaldson.com)

Latinoamérica  
+52-449-300-2442  
[industrialair@donaldson.com](mailto:industrialair@donaldson.com)  
México  
+1-800-343-36-39  
[industrialair@donaldson.com](mailto:industrialair@donaldson.com)

F117505 (2/20) ©2018-2020 Donaldson Company, Inc. Donaldson, Spider-Web, Turbo-Tek and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners.



**GAS TURBINE SYSTEMS**