



High Standards. Higher Performance. Highest Temperatures.

Dynaglas® from Filtration Specialties, Inc.

Fact Sheet

Dynaglas® is a family of fiberglass filter media for use in high temperature cartridge and pleated bag applications. Woven and non-woven fabric structures using a range of fiber diameters are combined to achieve the desired filtration efficiency. A variety of finish treatments can be applied to enhance particulate release, chemical resistance, pleatability (**DynaPleat™**) and temperature resistance.

What temperatures can **Dynaglas®** withstand?

Finish Treatment	Operating Temperature	Surge Temperature
Unfinished	700°F (371°C)	750°F (399°C)
High Temperature Finish	600°F (316°C)	650°F (343°C)
DynaPleat™ pleatable	600°F (316°C)	650°F (343°C)
Proprietary release treatment	550°F (288°C)	600°F (316°C)
Release + ePTFE membrane	500°F (260°C)	525°F (274°C)

How efficient is **Dynaglas®** as a filter media?

At 0.5-1μ particle size, the collection efficiency of the various **Dynaglas®** styles range from 86-94%. As the particle size increases to 3μ, the collection efficiency typically exceeds 99% at 30 fpm face velocity.

What are typical **Dynaglas®** applications?

Dynaglas® is being used as an impaction-type filter to remove solid particulate from hot gas streams at 400-700°F and as a coalescing-type filter to remove liquid mist from air streams in near-ambient conditions.

- Nitric acid platinum catalyst recovery
- Indoor diesel exhaust
- Standby generator exhaust
- Machining oil mist
- Pleated bags collecting fly ash
- Gasketing

Dynaglas® is available at a width of 63" (160 cm) FOB Taunton, Massachusetts, USA.

We design and manufacture high performance filtration media for high temperature applications.

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