



High Standards. Higher Performance. Highest Temperatures.

# Huyglas® 1701 from Filtration Specialties, Inc. Specifications

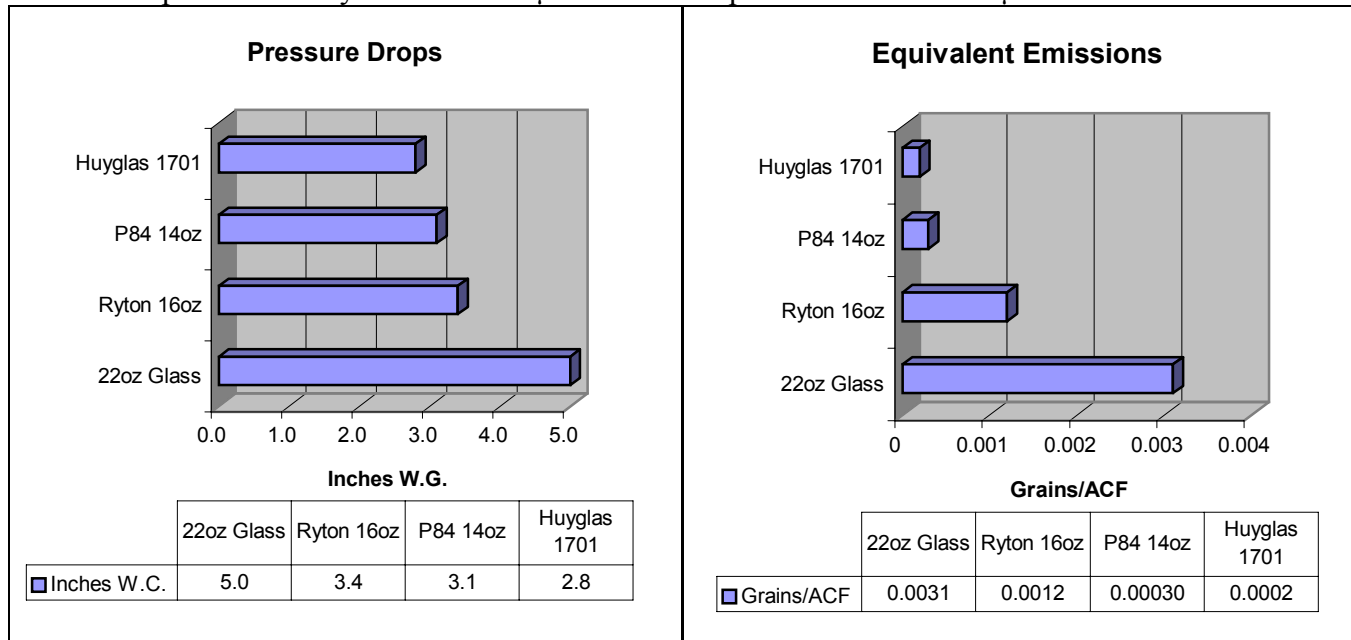
## The Highest Filtration Efficiency in a Lightweight Felt

### Features and Benefits

- Used in emissions control applications requiring very high efficiency with light/moderate dust loads
- 550°F (288°C) operating temperature, higher than Ryton®, Nomex® or P84®
- Handles excursions at 550-600°F (288°-316°C)
- Typical applications include incinerators as well as coal and multi-fuel boilers
- **Huyglas®** fabrics are inherently non-burning due to their fiberglass construction
- Meets particulate emission and opacity regulations in any routine application
- Lower ΔP and emissions than any synthetic felt or woven glass media
- Less prone to installation/handling damage than ePTFE membrane
- More chemical resistance than P84®, Ryton® or Nomex®
- Unlike Ryton®, **Huyglas®** is not sensitive to the amount of oxygen in the flue gas
- **Huyglas 1701** has been in use since the late 1980's in a variety of demanding applications

### Test Results

- Testing performed by a nationally recognized independent testing lab
- Circulating Fluidized Bed Boiler Dust loaded at 3 Grains/ACF
- A/C ratio of 4.5:1
- Median particle size by count is 0.72 μ with 64% of particles finer than 1 μ in diameter



### Specifications

- Base scrim 100% Fiberglass
- Batt fiber 100% Fiberglass
- Chemical resistant finish Silicone-based resin
- Nominal weight 16 oz/yd<sup>2</sup> (540 g/m<sup>2</sup>)
- Permeability 35 +/- 10 cfm/ft<sup>2</sup> @ 0.5 in (10.7 +/- 3.0 m<sup>3</sup>/min/m<sup>2</sup> @12.7mm) H<sub>2</sub>O

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APC is a division of Filtration Specialties, Inc.

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