



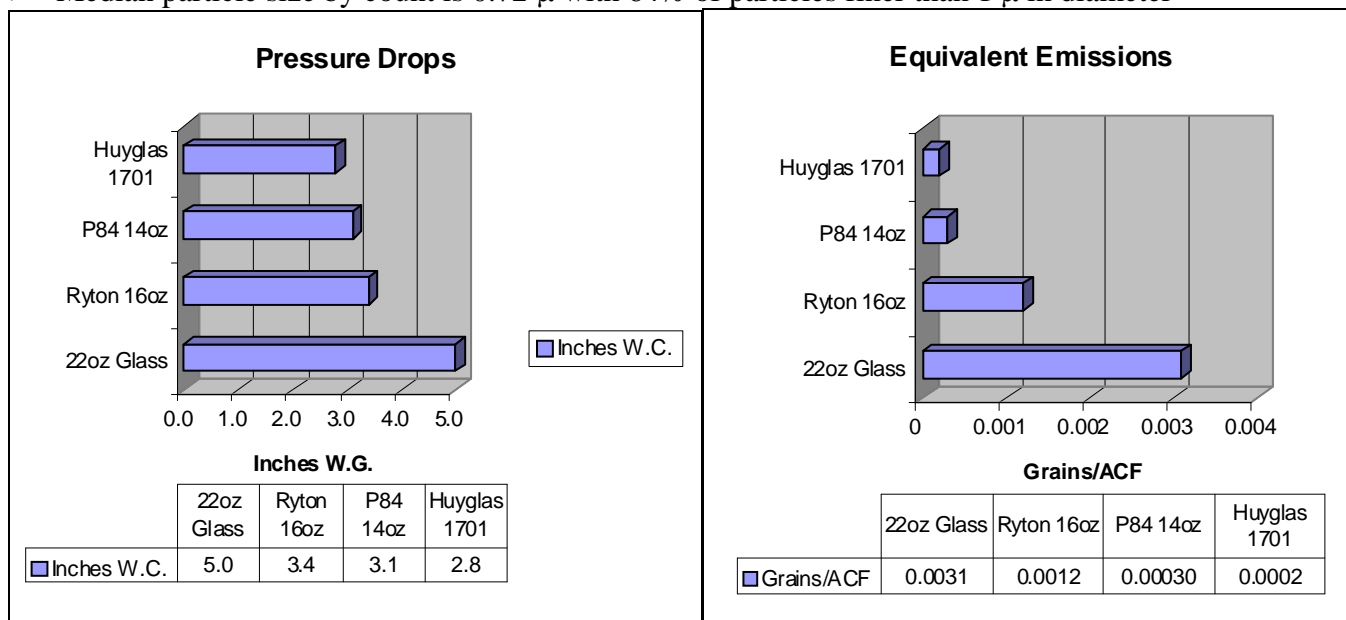
# Huyglas 1701 from Filtration Specialties, Inc. High Standards. Higher Performance. Highest Temperatures.

## Features and Benefits

- Used in emissions control applications requiring very high efficiency with light/moderate dust loads
- 525°F (274°C) operating temperature, higher than Ryton<sup>®</sup>, Nomex<sup>®</sup> or P84<sup>®</sup>
- Handles excursions at 550-600°F (288°-316°C)
- Typical applications include incinerators as well as coal and multi-fuel boilers
- **Huyglas<sup>®</sup>** 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<sup>®</sup>, Ryton<sup>®</sup> or Nomex<sup>®</sup>
- Unlike Ryton<sup>®</sup>, **Huyglas<sup>®</sup>** 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 & 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 42 +/- 10 cfm/ft<sup>2</sup> @ 0.5 in (12.8 +/- 3.0 m<sup>3</sup>/min/m<sup>2</sup> @ 12.7mm) H<sub>2</sub>O
- Nominal thickness 90 +/- 10 mils ( 2.3 +/- 0.3 mm) typical average

### High Temperature Fiber Materials

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