



High Standards. Higher Performance. Highest Temperatures.

Huyglas® 1105 from Filtration Specialties, Inc. Specifications

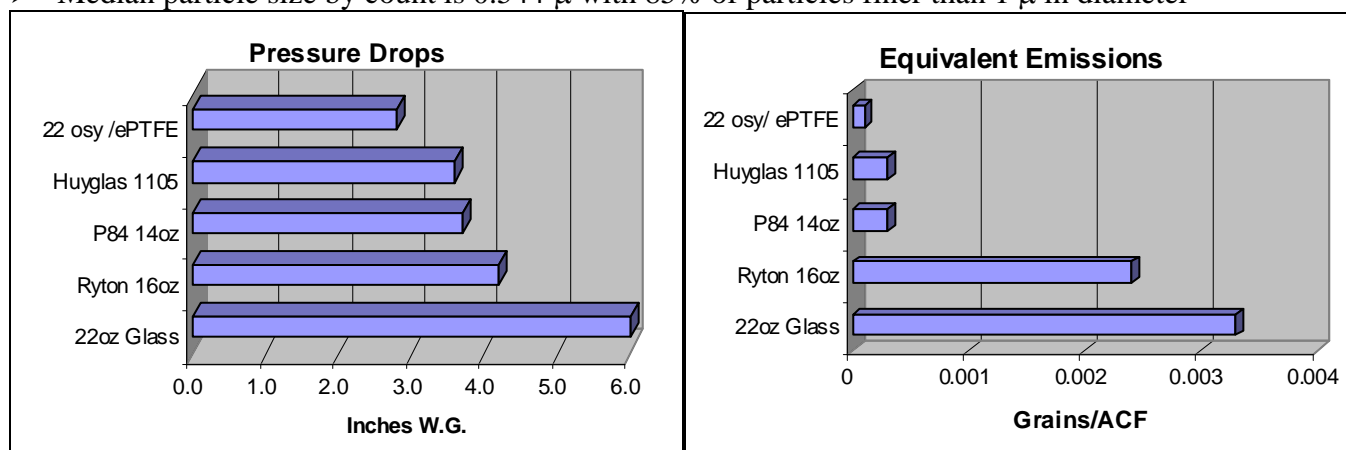
Huyglas® 1105 is the lowest cost pulsejet media which operates at 400-525°F (204-274°C) and routinely meet emissions levels of 0.0003 gr/acf (0.6 mg/Nm³). **Huyglas® 1105** is an economical and robust alternate to ePTFE membrane/glass in applications unsuitable for woven fiberglass.

Features and Benefits

- Performance-priced between woven glass and glass/membrane; lower than P84®
- 525°F (274°C) operating temperature, higher than Ryton®, Nomex® or P84®
- Handles excursions at 600°F (316°C) that will damage ePTFE membrane
- Meets particulate emission and opacity regulations in any routine application
- Lower ΔP and emissions than any synthetic felt or woven glass media
- Suitable for on-line pulse cleaning which is not recommended for woven glass
- 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

Test Results (completed by a nationally-recognized independent laboratory)

- Circulating Fluidized Bed Boiler Dust loaded at 3 Grains/ACF
- A/C ratio of 4.5:1
- Median particle size by count is 0.544 μ with 85% 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 | 19 oz/yd ² (645 g/m ²) +/- 10% |
| ➤ Permeability | 65 +/- 20 cfm/ft ² @ 0.5" (19.8 m ³ /min/m ² @ 12.7 mm) H ₂ O |

High Temperature Fiber Materials

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