



High Standards. Higher Performance. Highest Temperatures.

Huyglas® 1607 from Filtration Specialties Inc. Specifications

High Efficiency Collection with Low Risk of Burning or Blinding

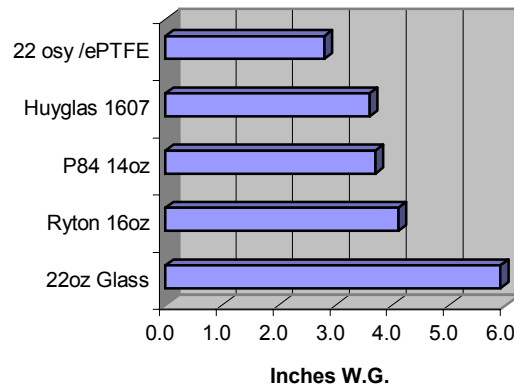
Features and Benefits

- Used in product collection/emissions control applications with high dust loads and rigorous cleaning
- 550°F (288°C) operating temperature, higher than Ryton®, Nomex® or P84®
- Handles excursions at 550-600°F (288°-316°C) that can burn membranes
- Typical applications include carbon black production and lime kilns
- Reduced risk of blinding from liquid hydrocarbon carryover than with ePTFE membrane
- **Huyglas® 1607** collects fine, sticky particulate that can blind a membrane
- 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
- **Huyglas® 1607** has been in use since the late 1970's in a variety of demanding applications
- **Huyglas® 1607** is much easier to handle than the original "Huyck Felt" while keeping its efficiency

Test Results (internationally 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 0.44 μ with 88% sub-micron

Pressure Drops



	22oz Glass	Ryton 16oz	P84 14oz	Huyglas 1607	22 osy /ePTFE
■ Inches W.C.	5.9	4.1	3.7	3.6	2.8

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

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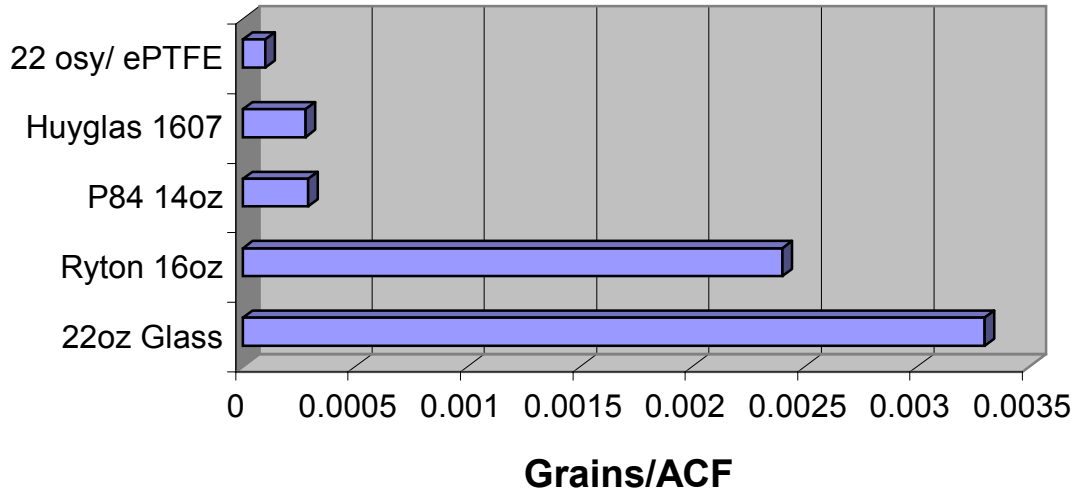
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<http://www.HighTempFelt.com>
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Emissions



	22oz Glass	Ryton 16oz	P84 14oz	Huyglas 1607	22 osy/ ePTFE
■ Grains/ACF	0.0033	0.0024	0.00029	0.00028	0.0001

Specifications

- Base scrim 100% Fiberglass
- Batt fiber 100% Fiberglass
- Chemical finish Silicone-based resin
- Nominal weight 27 oz/yd² (915 g/m²)
- Standard Weight 63 " (160cm)
- Permeability 35 +/- 12 cfm/ft² @ 0.5 "
(10.7 +/- 3.7 m³/min/m² @ 12.7mm) H₂O

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