



High Standards. Higher Performance. Highest Temperatures.

# Huyglas® 1405 from Filtration Specialties, Inc.

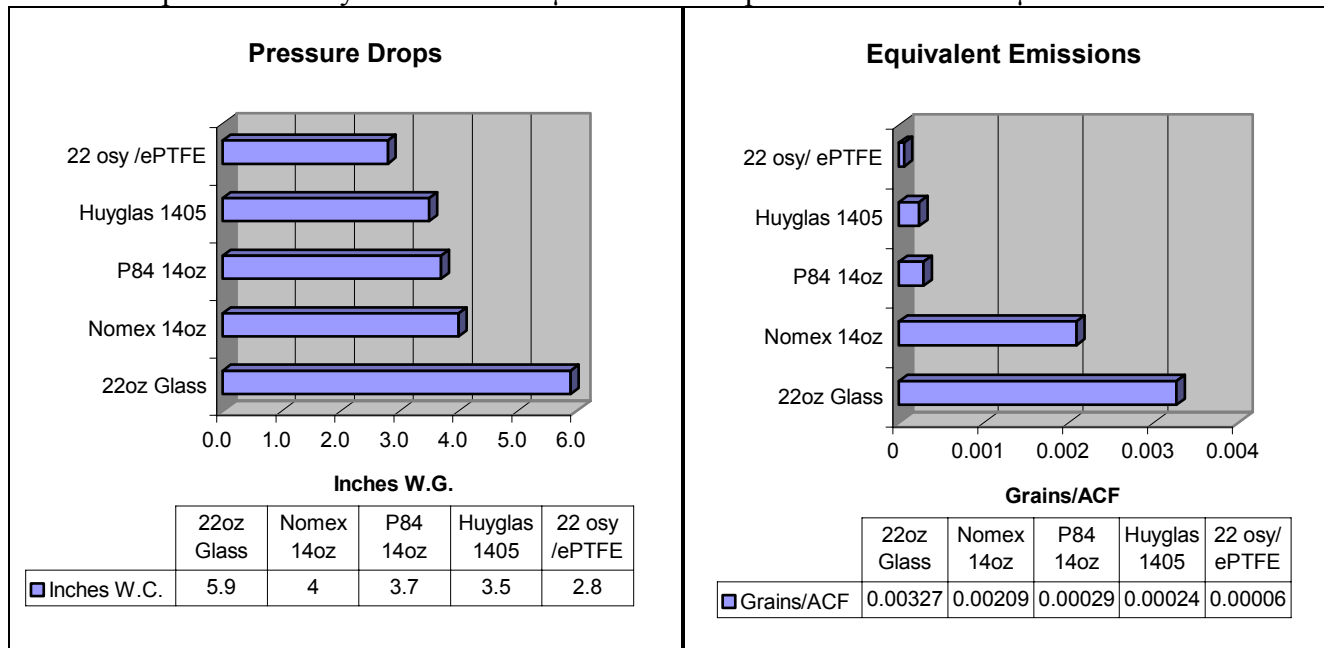
## Specifications

### Features and Benefits

- Used in emissions control applications such as lime kilns, kaolin kilns and cement clinker coolers
- Typically used in applications where ePTFE membranes have failed due to temperature excursions
- Handles excursions at 550-600°F (288°-316°C) that will damage ePTFE membrane
- Replaces Nomex® in applications where process chemistry or conditions have caused bag failures
- More chemical resistance than P84® or Nomex®
- 550°F (288°C) operating temperature, higher than Nomex® or P84®
- Performance-priced competitively with glass/membrane
- Meets particulate emission and opacity regulations in any routine application
- Suitable for on-line pulse cleaning which is not recommended for woven glass
- Less prone to installation/handling damage than ePTFE membrane

### 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 0.544 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 22 oz/yd<sup>2</sup> (745 g/m<sup>2</sup>)
- Permeability 55 +/- 15 cfm @ 0.5" w.c.

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

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