

## Have a high temperature air sampling application?



**Quartz-A-HT**  
demonstrates  
**<1% loss on ignition**  
as a result of  
Tremont's proprietary  
processing  
methods.

Grade:	<b>Quartz - A and Quartz-A-HT</b>
Material Attributes:	High purity, binder free Quartz (SiO <sub>2</sub> ) glass microfiber filter media
Particle retention:	2.0 - 2.2µm (Minimum retention tested 99.998% DOP (0.3µm) ASTM D2986)
Basis weight:	85 g/m <sup>2</sup>
Thickness:	0.45 - 0.47mm
Maximum Temp:	Quartz-A = 950° C Quartz-A-HT = 1150° C
Flow rate:	1.1 – 1.35 m <sup>3</sup> /min (Resistance 95mm H <sub>2</sub> O @ 10.5 ft/min)
Loss on Ignition:	Quartz-A = <6% Quartz-A-HT = <2%
Tensile strength:	Quartz-A = 215g / 15mm (ASTM D828), MD tensile is 7.3 lbs/in (TAPPI T494) Quartz-A-HT = 285g/ 15mm (ASTM D828), MD tensile is 11.3 lbs/in (TAPPI T494)

- Ideal for use in acidic gases and aerosols, stacks and flue gas monitoring.
- This media meets or exceeds the physical, performance and elemental requirements for EPA PM<sub>10</sub>, Ambient Air Monitoring methods.
- Ideal for use in acidic gases (*except Hydrofluoric*) and aerosols, stacks and flue gas monitoring.
- Uniform screen & felt sides with uniform density MD/CD.
- Manufacturing performed with RO water filtration system.
- This media demonstrates excellent lot-to-lot reproducibility.
- Material chemistries are verified against a standard using GC techniques prior to paper making process.
- CofC and CofA provided upon request with order.
- Most cost effective material of its kind offered in the analytical market today.