

# 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 (SiO2) glass microfiber filter media                                                                                      |
| Particle retention:  | 2.0 - 2.2µm<br>(Minimum retention tested 99.998% DOP (0.3µm) ASTM D2986)                                                                                  |
| Basis weight:        | 85 g/m2                                                                                                                                                   |
| Thickness:           | 0.45 - 0.47mm                                                                                                                                             |
| Maximum Temp:        | Quartz-A = 950° C<br>Quartz-A-HT = 1150° C                                                                                                                |
| Flow rate:           | 1.1 – 1.35 m3 /min (Resistance 95mm H2O @ 10.5 ft/min)                                                                                                    |
| Loss on Ignition:    | Quartz-A = <3%<br>Quartz-A-HT = <1%                                                                                                                       |
| Tensile strength:    | Quartz-A = 215g / 15mm (ASTM D828), MD tensile is 7.3 lbs/in (TAPPI T494)<br>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 PM10, 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.