



**"A leading worldwide supplier of high efficiency filters for a variety of industries and applications."**

# FILTERS FOR EMISSION SERVICE

**Our Microfiber disposable filter elements** are manufactured from precise mixtures of borosilicate glass microfibers to the very highest standards. These elements offer exceptional filtration efficiency at very low-pressure drops and being +90% void volume give very long service life.



Introducing Headline's B203 particulate grade borosilicate glass fiber filter elements. Ideal for high volume Emissions Testing Applications, the B203 grade incorporates Headlines proprietary production methods with a new vacuum extruded multi form production process to create a low cost high efficiency particulate filter. With efficiency ratings of (E) 99.99% @ 0.01 micron, (F) 98.5% @ 0.03 micron, (G) 96% @ 0.03 micron; these filters cover a wide range of emissions applications. Contact a member of our technical sales team to learn more today!

## Features:

- Complete Removal Of Sub-Micron Contaminants
- Completely Disposable
- Suitable For Corrosive Applications
- High Flow Rates, Low Pressure Drops
- Suitable For Highly Adsorbent Gases

## Applications:

- Emission Testing
- Analyzer Protection
- Stack Gas Testing

### K Grade

Elements are specified for particulate removal where corrosive gases and liquids are to be filtered as they have excellent chemical resistance. They are also used when highly reactive gases are being analyzed since they exhibit very low levels of adsorption.

### ET Grade

Elements are hydrocarbon-free filters developed to remove particulate for automotive emission testing up to 400°F.

### S Grade

Elements are completely inorganic and are used to filter particulate at temperatures from 300°F to 900°F.

### B203 Grade

High volume emissions grade filter, B203 boric oxide / frit mixture suitable for high efficiency sub-micron particulate removal.

### S21-R Grade

The **S21-R Type** are used in diesel emission applications.

### Custom Blended Elements

We have the ability to produce custom blended filter elements based upon your specific application parameters. Please do not hesitate to contact us with your details so that we can solve your filtration issues. Call 1-800-311-5561 or Email [henryk@unitedfiltration.com](mailto:henryk@unitedfiltration.com).

### SCR Filter Elements (Acid Washed)

Acid Washed (AW) series of elements capture the excess ammonia that is introduced into the emission stream. This scrubbing is done by a chemical bond between the ammonia (NH<sub>3</sub>) and the acid washed (Phosphoric) filter elements, thus protecting sensitive equipment. These are commonly referred to as Selective Catalytic Reduction (SCR) Filter Elements.