



# Filters for Emission Service

## 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
- Diesel Testing

**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.



### 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.

### RPT Grade

Elements are constructed of a proprietary blend of microfiber glass and resin binders which virtually eliminate initial hydrocarbon content and fiber migration. This feature provides fast initial response times for emission analysis. These elements have the ability to function up to 650°F (342°C).

### S Grade

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

### 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.

### Disposable In-Line Filters & Adsorbers

Our Disposable In-Line Filters & Adsorbers are ideal for portable analyzers and systems requiring an easily replaceable filter.



### Nylon Housings

Our 100% nylon housings are an inexpensive, robust solution for emission analyzer service.

