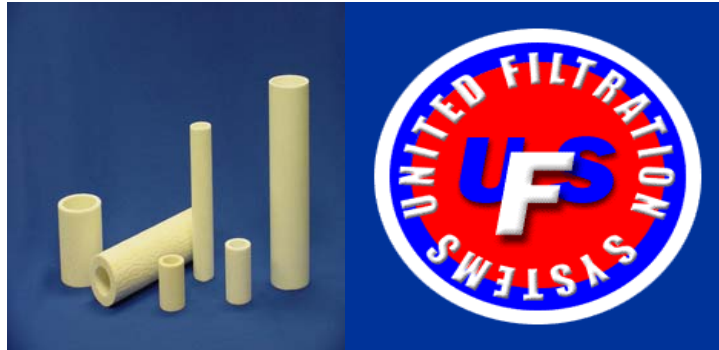


## DISPOSABLE FILTER ELEMENTS



- Complete Removal Of Sub-Micron Contaminants
- High Efficiency Coalescing
- Fully Disposable
- Suitable For Corrosive Applications
- High Flow Rates
- Low Pressure Drops
- Custom Sizes Available
- Suitable For Highly Absorbent Gases
- Gas Or Liquid Service

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

The elements are bonded to impart high strength and eliminate fiber shedding. The choice between the different binders available will depend upon the application. Each element type is available in a wide range of grades of efficiency covering the complete range from coarse bulk contamination removal (grade 80) to essentially complete removal of sub-micron contaminants.

**Standard Type** elements are suitable for all particulate removal applications in non-corrosive gases and liquids. The coarsest grade that will adequately protect the application should be chosen as this will result in the most economical solution to the contamination problem.

**S Type** filter elements are completely organic and are used to filter at temperatures from 300 °F to 900°F. The **S21-R Type** are used in diesel emission applications.

**K Type** elements are specified 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.

**L Type** elements have a hydrophilic binder making them ideal for application where sterilization is required.

**C Type** elements are specifically designed for the removal of liquid aerosols from gases in both corrosive and non-corrosive applications. These elements also remove particulates with the same efficiency.

**CS Type** elements are designed for coalescing applications where temperatures are up to 900°F. **Excellent for heavy coalescing.**

**RC Type** elements are designed for high pressure swing applications. These elements consist of a borosilicate inner layer sandwiched between two rayon/phenolic bound outer layers. The outer layers provide excellent strength.

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FINE FILTRATION FOR INDUSTRY

## DISPOSABLE FILTER ELEMENTS

### Principle Specifications

Element Type	Binder Type	Maximum Temperature °F	Grade designations, removal of 0.01 micron particles or particles and aerosols					
			99.99998%	+99.9999%	+99.99%	+99.5%	+95%	+75%
Standard Type	Epoxy Ester Resin	300	30	40	50	60	70	80
K Type	PVDF Fluorocarbon Resin	300	30K	40K	50K	60K	70K	80K
S Type/S21-R Type	Silica Inorganic Resin	900	30S	40S	50S	60S	70S	80S
C Type	PVDF Fluorocarbon Resin	300	N/A	N/A	50C	60C	70C	80C
RC Type	Phenolic Resin	250	N/A	N/A	RC1	N/A	RC	N/A
CS Type	Silica Inorganic Resin	900	30CS	40CS	50CS	60CS	70CS	80CS
L Type	Silicone Resin	400	N/A	40L	N/A	60L	N/A	N/A

### Principle Dimensions

All disposable filter elements have a part number arranged with three figures, e.g. 25-64-70C. The first part refers to the inside diameter on the element, the second figure refers to the overall length on the element and the third part refers to the grade designation. Replace the 'XX' in the part numbers listed below with the grade designation. Please enquire with specific requirements.

#### Standard sizes

12-25-xx    25-127-xx    51-89-xx  
 12-32-xx    25-178-xx    51-230-xx  
 12-57-xx    38-58-xx    51-476-xx  
 25-51-xx    38-152-xx    63-762-xx  
 25-64-xx    45-127-xx

#### Special sizes available

Inside Diameters-.394" to 3.94" (10mm to 100mm)  
 Lengths- .394" to 39.4" (10mm to 1000mm)

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