

Filter Elements

Disposable Grades & Dimensions

All disposable filter elements have a part number arranged in three sections, for example 25.64.7K

The first part refers to the inside diameter of the element in millimetres, the second figure refers to the overall length in millimetres and the third part is the designation for the grade and binder.

Standard Sizes

Filter Elements are available in a wide range of standard diameters and lengths. These are based on traditional industry standard sizes and allow the elements to be installed in other proprietary equipment.

12.32.□ 12.57.□ 25.64.□ 25.127.□ 25.178.□ 38.58.□ 38.152.□ 45.127.□ 51.230.□ 51.89.□ 51.476.□ 63.762.□

Replace the □ in the part numbers shown with the grade selected from the tables below. More information about the binder types can be found on page CF/2.0/021.

Efficiency

Each filter element type is available in a selection of grades covering an efficiency range from coarse bulk contamination removal and the essentially complete removal of submicron particles.

The standard grades are shown in the tables below.

| Particulate Applications - Gas | | | | | | | | |
|-----------------------------------|-------------------|------------|------------|-----------|---------|--------|------|------|
| % Removal of 0.1 micron particles | | | | | | | | |
| Binder | | Max. Temp. | +99.99998% | +99.9999% | +99.99% | +99.5% | +95% | +75% |
| E | Epoxy Ester | 150°C | 3E | 3K | 5E | 6E | 7E | 8E |
| K | PVDF Fluorocarbon | 150°C | 3K | 4K | 5K | 6K | 7K | 8K |
| S | Silica Inorganic | 500°C | 3S | 4S | 5S | 6S | 7S | 8S |
| L | Silicone | 200°C | | 4L | | 6L | | |

| Coalescing Applications - Gas | | | | | | |
|--|-------------------|------------|---------|--------|------|------|
| % Removal of 0.1 micron particles & aerosols | | | | | | |
| Binder | | Max. Temp. | +99.99% | +99.5% | +95% | +75% |
| CE | Epoxy Ester | 150°C | 5CE | 6CE | 7CE | 8CE |
| CK | PVDF Fluorocarbon | 150°C | 5CK | 6CK | 7CK | 8CK |
| CR | PVDF Fluorocarbon | 150°C | 5CR | 6CR | 7CR | 8CR |
| CS | Silica Inorganic | 500°C | 5CS | 6CS | 7CS | 8CS |
| W | Silicone | 200°C | 5W | 6W | 7W | 8W |

| Particulate Applications - Liquid | | | | | | | | |
|--|-------------------|------------|--------|------|------|------|-------|-------|
| +98% Removal of particles at stated size | | | | | | | | |
| Binder | | Max. Temp. | 0.3 µm | 1 µm | 2 µm | 8 µm | 25 µm | 75 µm |
| E | Epoxy Ester | 150°C | 3E | 3K | 5E | 6E | 7E | 8E |
| K | PVDF Fluorocarbon | 150°C | 3K | 4K | 5K | 6K | 7K | 8K |
| S | Silica Inorganic | 500°C | 3S | 4S | 5S | 6S | 7S | 8S |

Special Sizes

Special size filter elements can also be manufactured in a wide range of different diameters and lengths.

Inside Diameters - 7mm to 150mm

Lengths - 9mm to 1000mm

Please enquire with any specific requirements.