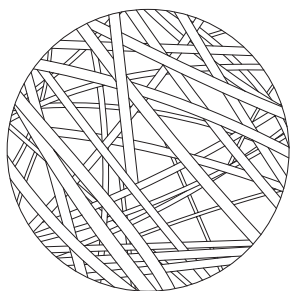


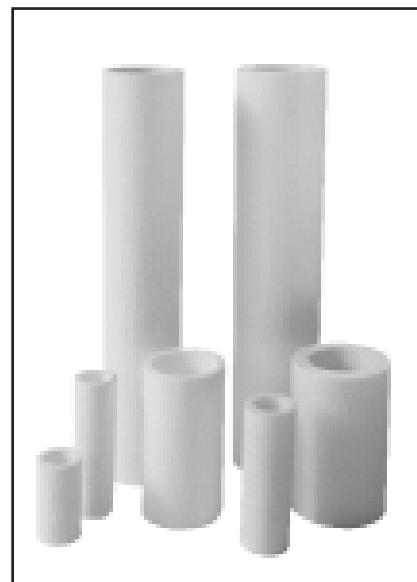
Disposable Bonded Microfibre Filter Elements

Headline disposable filter elements are manufactured from precise mixtures of borosilicate glass microfibres, 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 self-gasketing and easily sealed into the housing by axial compression.

The elements are bonded to impart high strength and eliminate fibre shedding. The choice between the different binders available will depend upon the application conditions.



Particulate Removal Applications

Standard elements are suitable for all particulate removal applications in non-corrosive gases. 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.

K Type are specified where corrosive gases and liquids are to be filtered, as they have excellent chemical resistance. They are also used where highly reactive gases are being analysed, since they exhibit very low levels of adsorption.

S Type are completely inorganic and are used at temperatures up to 500°C or if solvents are present.

Coalescing Aerosol Removal Applications

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.

Filter Element Efficiency

Each element type is available in a wide range of grades of efficiency, covering the complete range from coarse bulk contamination removal (grade 80) and the essentially complete removal of submicron particles (grade 40).

Principal Specifications

Element Type	For removal of	Binder Type	Max. Temp.	Grade designations, removal of 0.1 micron particles				
				99.9999+%	99.99+%	99.5+%	95+%	75+%
Standard	solid particulate	Epoxy Ester	150°C	40	50	60	70	80
K Type	solid particulate	PVDF Fluorocarbon	150°C	40K	50K	60K	70K	80K
S Type	solid particulate	Silica Inorganic	500°C	40S	50S	60S	70S	80S
C Type	liquid aerosols	PVDF Fluorocarbon	150°C	-	50C	60C	70C	80C

Filter Element 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 of the element in millimetres, the second figure refers to the overall length of the element in millimetres and the third part refers to the grade designation. Replace the 'xx' in the part numbers listed below with the grade designation.

Standard Sizes

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

Special Sizes

Special size filter elements are manufactured in a range of diameters and lengths.

Inside Diameters - 10mm to 100mm
 Lengths - 10mm to 1000mm

Please enquire with any specific requirements.