12.57.CP□
NGV Filter Cartridge

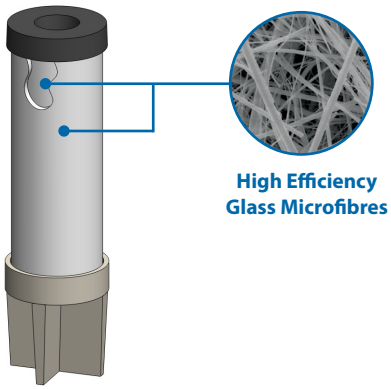
Disposable bonded microfibre filter elements are manufactured from precise mixtures of borosilicate glass microfibres to the very highest standards of quality control.

These elements offer exceptional filtration efficiency at very low pressure drops and being +90% void volume they give a very long service life.

A choice of grades give a coalescing efficiency of 99.97% or 95% removal of 0.3 micron aerosols and droplets. Solid particles are also removed at the same efficiency levels.

Two-layer coalescing filter elements are bonded with a silica binder to impart high strength and eliminate fibre shedding.

The filter media is bonded to a moulded Nitrile seal at the open end and a moulded element base at the closed end.



12.57.CP□ NGV Filter Cartridge

Technical Specifications

Filter Cartridge Type	**12.57.CP5CS**	**12.57.CP7CS**
Coalescing Efficiency	99.97% of 0.3 micron	95% of 0.3 micron
Initial Differential Pressure (1)	0.2 Bar	0.2 Bar
Flow Rate at 7 Bar	280 lts/min	425 lts/min
Maximum Temperature, °C	-40°C to +125°C	-40°C to +125°C
Materials of Construction		
Filter Media	Borosilicate Glass Microfibres	Borosilicate Glass Microfibres
Binder	S Type (Silica)	S Type (Silica)
Top Seal	Nitrile (NBR)	Nitrile (NBR)
Cartridge Base	Isoplast 202	Isoplast 202
Principal Dimensions in mm		
Diameter	22.6	22.6
Height	76	76

Notes

(1) Initial pressure drop includes the filter housing

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