12.57.CP□
NGV Filter Cartridge

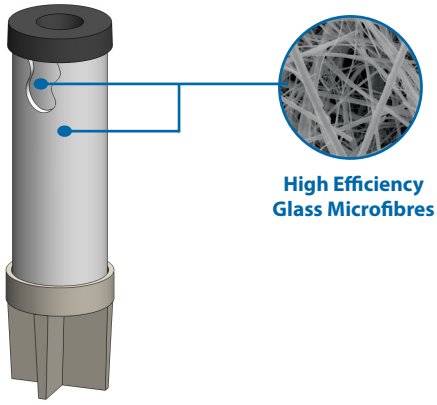
Disposable bonded microfibre filter elements are manufactured from precise mixtures of borosilicate glass microfibres to the very highest standards of quality control.

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.CT7CS
Coalescing Efficiency	99.97% of 0.3 micron	95% of 0.3 micron
Initial Differential Pressure (1)	2.9 Psi	2.9 Psi
Flow Rate at 100 psi	280 lts/min	425 lts/min
Maximum Temperature, ºF	-105ºF to +255ºF	-105ºF to +255ºF
Materials of Construction		
Filter Media	Borosilicate Glass Microfibres	Borosilicate Glass Microfibres
Binder	S Type (Silica)	S Type (Silica)
Top Seal	Nitrile (NBR)	Nitrile (NBR)
End Caps	Nylon	Nylon
Principal Dimensions in inches		
Diameter	0.9	0.90
Height	3.00	3.00

Notes

(1) Initial pressure drop includes the filter housing

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