25.127.□.R
NGV Filter Cartridge

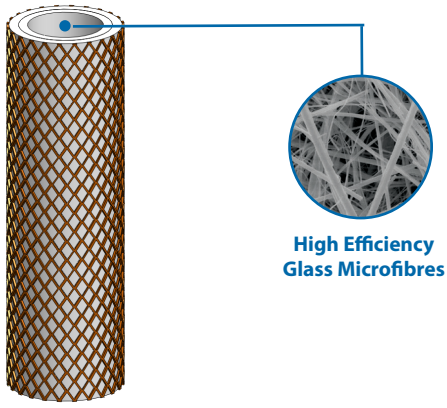
Disposable bonded microfibre filter elements are manufactured from precise mixtures of borosilicate glass microfibres to the very highest standards of quality control.

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 has an extruded polyethylene support mesh on the outside surface.



25.127.□.R NGV Filter Cartridge

Technical Specifications

Filter Cartridge Type	25.127.5CS.R	25.127.7CS.R
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	850 lts/min	1415 lts/min
Temperature Range, 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)
Support Mesh	Polyethylene	Polyethylene
Principal Dimensions in inches		
Diameter	1.55	1.55
Height	5.00	5.00

Notes

(1) Initial pressure drop includes the filter housing

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