

# 12.57.CT□ NGV Filter Cartridge

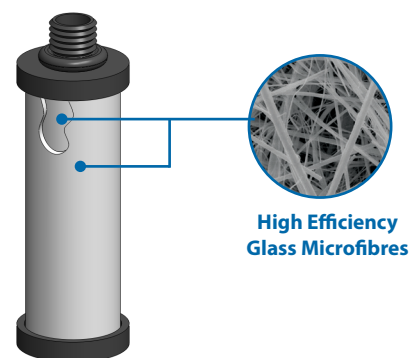
Disposable bonded microfibre filter elements are manufactured from precise mixtures of borosilicate glass microfibres to the very highest standards of quality control.

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 between two end caps with a Nitrile o-ring seal at the open end.



12.57.CT□ NGV Filter Cartridge

## Technical Specifications

### Filter Cartridge Type

12.57.CT5CS

12.57.CT7CS

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)

End Caps

Nylon

Nylon

### Principal Dimensions in mm

Diameter

22.5

22.5

Height

68

68

### Notes

(1) Initial pressure drop includes the filter housing



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