



**Feature-Tec
Advanced Materials**

C1.5 Series Liquid/Gas Separator

High-efficiency Gradient Filtration: The C1.5 series are high-efficiency filter elements composed of gradient glass fibers. They are compressed to the appropriate density and bonded with inert phenolic adhesive.

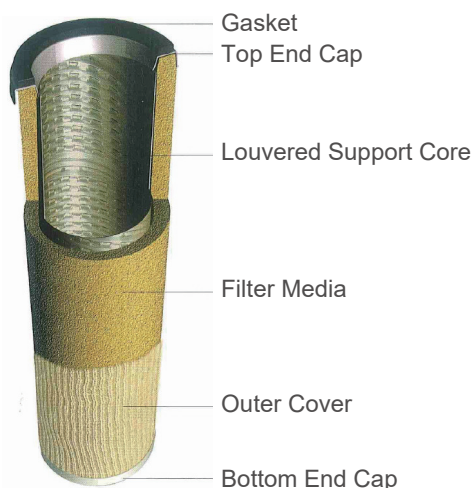
High Pressure Resistance: To prevent damage from high-pressure differentials, the C1.5 series elements are supported by a spiral-welded metal core. This central support tube can withstand differential pressure over 75 PSI.

Overflow Prevention: The metal end caps are mechanically connected to the framework, ensuring structural strength. High-temperature-resistant adhesive is used to bond the glass fiber media to the metal end caps, preventing leakage during filtration.

Hydrocarbon Resistance: Nitrile rubber gaskets are bonded to the metal end caps by polyurethane adhesive. After a special heat treatment, the adhesive can withstand exposure to all hydrocarbons.

Stable Filtration Precision: The C1.5 series can remove particles as small as 1 micron at lower pressure differentials.

Easy for Replacement and Transportation: During the transportation, the outer cotton layer serves to prevent the inner glass fiber from accumulating dust and getting damaged. It is convenient to replace the filter element



Performance and Operation Data

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|---|----------------------|
| Nominal micron ratings available | 10, 5, 1, 0.5, 0.3um |
| Recommended maximum operating temperature | 275 °F |
| Recommended maximum changeout DP | 15 PSI |
| Gasket material | Buna N |

Application

Applicable to filter separators and dry gas filters, flowing from the outside to the inside.



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