

NFG Series Forward Flow Filter-Separator Cartridges

Nowata Filtration’s nominal rated NFG Series filter-separator, vapor phase, cartridge elements have the following characteristics:

1. The NFG Series filter has a large dirt holding capacity.
2. The molded fiberglass tube is constructed of glass fibers and bonded with inert phenolic binders.
3. The spiral locked core gives added protection against collapse at high differential pressures.
4. Metal end caps are mechanically attached to the center core to protect the ends of the fiberglass media. A special sealant material is used to bond the media, core and end cap to prevent channeling and by-pass.
5. Buna-N gaskets are adhered to the metal end caps with a heat cured urethane adhesive. The adhesive is resistant to most hydrocarbon liquids.

NFG Series Typical Applications

The Nowata NFG Series forward flow, vapor phase, filter-separator cartridge elements are designed to filter fine dirt particles and coalesce liquids from natural gas without excessive pressure differential build-up in “outside-in” flow applications.

NFG Series Specifications

NOMINAL MICRON RATINGS AVAILABLE	0.5 & 1.0 MICRON
AVAILABLE LENGTHS	12, 24, 36 & 72 INCHES
OUTSIDE DIAMETER	3-1/2 OR 4-1/2 INCHES
INSIDE DIAMETER	2 OR 3.13 INCHES
CENTER CORE	CARBON STEEL
OUTER CORE	CARBON STEEL
END CAPS	CARBON STEEL
GASKETS	BUNA N
GASKET ADHESIVE	URETHANE
FILTER MEDIA	FIBERGLASS
OUTER SOCK	COTTON
EFFICIENCY	1 MICRON NOMINAL

RECOMMENDED OPERATING LIMITS:

RECOMMENDED CHANGE-OUT DIFFERENTIAL	15 PSID
MAXIMUM OPERATING TEMPERATURE	275°F
MINIMUM OPERATING TEMPERATURE	-20°F

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