



EMAIL: FILTRATION@JOHNBROOKS.CA

GP40 SERIES GAS PARTICULATE FILTER

GP40-002-05-15

COST EFFECTIVE SEPARATION

These elements have been engineered to provide cost effective high efficiency particulate filtration of gas streams.

The use of high efficiency micro-fiber media co-pleated with pressure drop reducing layers of support media ensures high efficiency separation of particulate from gas streams while minimizing restriction to flow.

BENEFITS

- Direct upgrade for most common gas separator elements on the market
- Provides high efficiency removal of unwanted contaminants
- Absolute efficiency ratings
- High Dirt Load Capacity with pleat pack design
- Available in double open ended (DOE) or single open ended (SOE) cap styles

COMMON APPLICATIONS

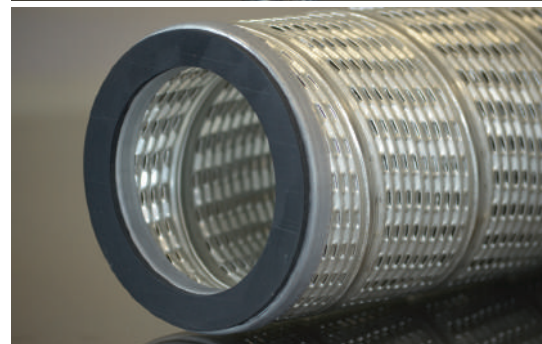
- Amine plant feed gas and treated gas
- Suction and discharge of compressors
- Fuel Gas purification
- Protection of molecular sieve beds, alumina beds, activated carbon beds, flare systems, city gates and metering systems
- Turbine & Reciprocating Engine Fuel Gas

COMMON CONTAMINANTS

- Iron sulfides, iron oxides, corrosion products, pipe scale, sand, silt, desiccant fines

DIMENSIONS

Outside Diameter: 4.50"
Inside Diameter: 3.25"
Length: 36"



MATERIALS OF CONSTRUCTION

Filter Media: Polyester, Micro-fiberglass, or Nylon
Center Core: Tinned Steel
Outer Sleeve: Tinned Steel
End Caps: Tinned Steel
End Caps: Buna (standard) and Viton®

PRODUCT SPECIFICATIONS

Absolute Micron Ratings:
0.5, 1, 5, 10, 20, and 50 Micron

Maximum Operating Conditions:
275°F (135°C) continuous operating
temperature

Clean Pressure Drop: ≤ 2 PSID

Recommended Change-Out Differential
Pressure: 15 PSID

Maximum Recommended
Differential Pressure: 50 PSID

CARTRIDGE CODING

GP	005	T	R	36	1	B
GAS PARTICULATE SERIES	MICRON RATING ABSOLUTE	NON-MEDIA COMPONENTS	MEDIA	LENGTH	END CAP	GASKET
	005 - 0.5 Micron 010 - 1 Micron 050 - 5 Micron 100 - 10 Micron 200 - 20 Micron 500 - 50 Micron	T - Tinned Steel	R - Polyester G - Glass Fiber N - Nylon	36 - 36"	1 - DOE 3 - SOE (w-bolt hole)	B - Buna V - Viton®

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