

Contour Gas

PCHG Natural Gas Retrofit



The PCHG retrofit filter is based on the specification of the successful Contour Gas filter but is dimensionally altered to seamlessly retrofit into existing natural gas installations.

These meltblown cartridge filters utilise the very latest in high strength fibre production to create a large diameter, high flowing element.

They are available in coreless and plated steel core variants to ensure optimised matching to process conditions.

The graded density of the meltblown structure ensures the efficient removal of fine sub-micron particles while also providing exceptional dirt holding capacity.

Available in two efficiency grades to cater for the majority of applications.

Industries and Applications

- Black Powder removal from gas transmission lines (raw gas/ethane)
- Removal of dessicant fines carried over from drying installations
- Removal of catalyst and active carbon fines
- Coalescer protection



Black Powder accumulated in gas transmission pipeline. Image courtesy of ROSEN Group

Features and Benefits

- Fully thermal welded construction: no use of urethane adhesives that can fail during service
- Graded density media structure: to optimise removal efficiency and dirt holding capacity
- Plated Steel core for increased robustness when process conditions dictate

Technical Data

Dimensions

Outside Diameter: 114mm (4.5")

Inner Diameter: 79 mm (3.1")

Maximum Operating Conditions

Temperature	Polypropylene	82°C (180°F)
	Polyester	116°C (240°F)

Recommended Maximum Differential Pressure:

Forward Flow (Outside to In): 1.7 Bard (25psi)
3.4 Bard (50psi) with a plated steel core

Recommended change-out differential pressure: 1.0 Bard (14Psd)

Efficiency

GOX Grade: 99.98% @ 0.1 - 05 micron

GOM Grade: 99.98% @ 1.0 micron



Ordering Guide

14P	P	GOM-	36	N	N	A	-D1
Media	Core/Assembly	Micron Rating	Length	End Caps	Seal	Branding	Diameter
P - Polypropylene E - Polyester	P - Polypropylene F - Plated Steel	GOX - <1 micron GOM - >1 micron	12 - 12" (312) 24 - 24" (324) 36 - 36" (336)	N - N/A	N - N/A	A - Amazon	D1 - 4.5"
Example: 14PPGOM-36NNAD1 = Polypropylene media and core, >1µm rating, 36" length, no connections or seal, diameter 4.5".							

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