

PGA Series

FILTERING CARTRIDGES
ABSOLUTE - PLEATED
DIAMETER 2.71" (69 mm)



MAIN APPLICATIONS:

- DESALINATION
- FINE CHEMICAL
- FOOD & BEVERAGE
- PHARMACEUTICAL
- HEALTH AND CARE
- MICROELECTRONIC
- GENERAL INDUSTRY

CHARACTERISTICS:

- High filtration area
- High flow-rate
- High dirt holding capacity
- Resistant to contaminant unloading even at high Delta-P
- Filtration direction from out to in
- Available with six different end caps type
- Pleated borosilicate micro fibre media
- Pure polypropylene hardware
- Wide range chemical compatibility
- Resin or glue free construction
- Ideal for colloidal particles filtration from liquids
- Positively charged media in aqueous solution application
- Suitable for filtration of wine with filtration index from 10 to 50
- Thermo-weld assembly
- FDA approved material
- Endotoxicity, extractible and oxidizing agent limits
In accordance with USP standard
- Manufactured in clean room
- Packing with antistatic materials
- Traceable lot number
- Absolute filtration rating from 0.5 to 5 μm
- Filtration efficiency 99.98%

ASCO FILTRI

ASCO Filtri S.p.A.

Viale delle Scienze, 8
20082 Binasco (MI) - Italy
Phone: +39 02 89703.1
Fax: +39 02 89703.410
E-mail: asco@ascofiltri.com
Web: www.ascofiltri.com

PGA Series

FILTERING CARTRIDGES
ABSOLUTE - PLEATED
DIAMETER 2.71" (69 mm)

TECHNICAL DATA

MAX. WORKING TEMPERATURE
 80 °C @ 4.1 bar

STERILIZATION / SANITIZATION
 - 125 °C for 30' in autoclave
 without Delta-P
 - 140 °C for 30' in line
 With steam
 - 90 °C with hot water

DIFFERENTIAL PRESSURE

Cartridge replacement:
 2.0 bar @ 25 °C

Max. allowable:
Normal flux:
 4.1 bar @ 25 °C

Reverse flux:
 2.1 bar @ 25 °C

CONSTRUCTION MATERIAL

Filter media:

- Borosilicate micro fibre

Support layers:

- Polypropylene

Hardware:

- Polipropilene

Gaskets:

- Buna-n

- EPDM

- Viton

- Silicone

- FEP

- PTFE (*only DOE*)

DIMENSION

External diameter:
 2.71" (69 mm)

Length:
 10", 20", 30", 40"

FILTERING AREA

0.55 m² x 10"

Flow-rate / Delta-P data - DHC:

Filtration (µm)	Liquids		DHC [gr]
	Water	Wine	
0.6	0.60	0.20	65
1.2	1.10	0.37	80
2.5	1.80	0.60	85
5.0	2.30	0.77	85

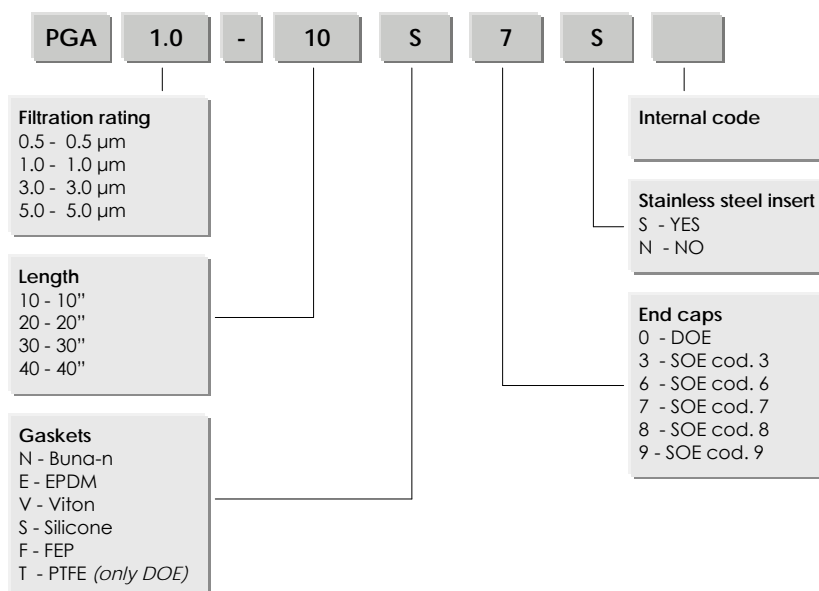
Liquids flow-rate (m3/h) - Initial Delta-P 0.1 bar
Wine with filtration index from 10 to 50.

Filtration efficiency:

(µm)	Efficiency
	99.98%
0.5	0.5 µm
1.0	1.0 µm
3.0	3.0 µm
5.0	5.0 µm

Filtration efficiency for liquids defined with Multipass ISO 4572 test

Ordering information:



We reserve the right to change the data of this specification without notice.

ASCO Filtri S.p.A.

Viale delle Scienze, 8
 20082 Binasco (MI) - Italia
 Tel.: +39 02 89703.1

Fax: +39 02 89703.410

E-mail: asco@ascofiltri.com

Web: www.ascofiltri.com

