

PleatGard™

Pleated Air/Gas Filter Elements

Designed for installation in PECO Series 30F inline gas filter vessels, PleatGard elements remove dust, scale, rust, sand and other particulates from air and gas streams. Durable, highly efficient, synthetic filter media and corrosion resistant hardware ensure that PleatGard elements stand up to the toughest application needs. The basket style configuration provides for easy installation and removal while isolating contaminants and preventing spillage into the vessel during removal of spent elements. A chevron gasket provides a positive seal that gets tighter as the elements get dirtier. This prevents seal breaches at high differential pressure. Protect equipment investments with PleatGard pleated air/gas filters.

THE BOTTOM LINE

- **Basket Style Configuration**
Easy to install and remove. Retains all contaminant within the walls of the element. This prevents spillage of contaminants into the clean side of the filter vessel that could be blown into downstream equipment after start-up.
- **Synthetic Media**
Absolute rated polyester media provides the ultimate protection against tearing, swelling, and chemical attack. Tearing and chemical attack can leave holes in the filter media. When this occurs operators read a low differential pressure and are misled into believing the filter elements are clean and still in good condition. Meanwhile, damaging contaminants escape through the holes in the media and contaminate downstream equipment. Swelling causes differential pressure to rise rapidly even though there may be very little contaminant in the filter media. This reduces the life of the element and increases the frequency of element changes. Reduce these risk by installing PleatGard today.
- **Built with Safety in Mind**
At PECOFacet safety is our number one priority. PleatGard elements use metal parts that contain no exposed jagged edges. This prevents injury during handling. Reduce safety risks, protect personnel, and help your facility achieve safety goals.

APPLICATIONS

- **Natural Production and Gathering**
Compressor and contactor suction, blowers, starters, fuel gas
- **Natural Gas Distribution**
M&R station
- **Natural Gas Processing & LNG**
Mol sieve regeneration gas and overhead, Desiccant bed discharge, meters, control valves, fuel gas



SPECIFICATIONS

MATERIALS

- **MEDIA** pleated polyester
- **OUTER COVER** steel (galvanized or tin plated)
- **END CAPS** steel (galvanized or tin plated)
- **GASKETS** buna-n
- **OPTIONS** gasket materials

OPERATING DATA

Max Temp. [F]	Max D.P. ¹ [psid]
240	35

- Recommended change-out D.P. is 15 psid.
- Normal flow direction is inside to outside

NOMINAL DIMENSIONS

Model	O.D. [in.]	I.D. [in.]	Length [in.]
PS-559	5.625	4	9
PS-5519	5.625	4	19
PS-819	7.8	6.5	19



A Name You Know...Filters You Can Trust™

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PARTICLE RETENTION

- **Efficiency:** 99.98%
- **Micron Ratings:** 2, 5, 10, 20

SURFACE AREA

Model	Surface Area (ft ²)
PS-559	9.6
PS-5519	19.6
PS-819	34.1

NOTES

1. Max. D.P. may be limited by the vessel manufacturer's design.

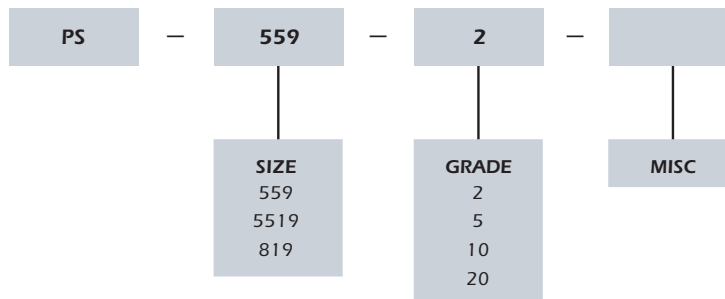
REPLACEMENT OPTION FOR

- American Meter
- Jonell
- Others

VESSELS

- PECO Series 30F
- Others

ORDERING INFORMATION



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