

INTERNAL USE ONLY

patent 5,972,059
US 9,174,155 B2
US 7,722,699 B2
US 8,673,037 B2
US D770,026 S

Pour-in-place one-piece gasket the patented, double-seal gasket around the perimeter eliminates any dust from accumulating on the top of the pan

Factory bonded steel top and bottom headers

Internal HemiPleat® separator ensures uniform pleat spacing and allows even loading between pulses

Inner support screen secures the filter element from movement

Helical cord retainer

KEY BENEFITS

- Vertically integrated cartridge for better dust release; easy to remove and install
- High filtration efficiency
- Excellent energy performance
- Long element life



CONFIGURATION

Model	Part #	Media Type	Media Area in ft. ² (m ²)	Dimensions in inches (meters)	Shipping Weight in lbs. (kg)
GS-GR-325	325325-001	Standard Green	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-FR-325	325325-002	Flame Retardant	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-FC-325	325325-012	FR Carbon Impregnated	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-XG-325	325325-014	eXtreme Green	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-XF-325	325325-016	eXtreme Flame Retardant	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-XFC-325	325325-015	eXtreme FR Carbon Impregnated	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-SY-325	325325-007	Synthetic	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-XS-325	325325-008	eXtreme Synthetic	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-HG-325	325325-009	High Efficiency Green	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-HF-325	325325-010	High Efficiency Flame Retardant	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)
GS-HFC-325	325325-011	High Efficiency FR Carbon Impregnated	325 (30.2)	ℓ 39 (1) • Ø 15 (.38)	33 (15.0)

- Featuring an injection molded inner cone in the center of the cartridge, cleaning is accomplished by pulse waves that emanate outward from this inner cone providing enhanced cleaning for more efficient operation, longer cartridge life and reduced service requirements.
- HemiPleat® media is the most advanced pulse-cleaned media ever made and comes standard with a moisture resistance treatment for high humidity resistance.
- Continuous double-seal gaskets give added insurance against leaks. No other filter design gives you a double seal barrier.
- The HemiPleat separator bead opens up the pleats uniformly, allowing more effective cleaning and lower pressure drop.

SPECIFICATIONS

- **Efficiency:** 99.99% on 0.5 micron and larger particles by weight
- **Gasket:** Pour-in-place one piece gasket
- **Pans:** Galvanized steel, top and bottom; stainless steel optional
- **Filter Sealant:** Solid polyurethane top and bottom
- **Max Temp:** 160°F (71°C) Operating
180°F (82°C) Surge
- **Notes:** External helical cords and internal screen secure the filter element from movement

TYPICAL APPLICATIONS

- Blasting (room & wheel)
- Thermal/flame spray
- Paper trim/scrap systems
- Sanding & grinding dust
- Talc & cornstarch dust
- Wood dust
- Fiberglass manufacturing
- Carbon black/toner dust
- Lead & other toxic dust
- Pneumatic conveyed dust
- Pharmaceutical dust
- Welding fumes

POLY BLEND FILTER MEDIA

**GR — Standard Green**

(Color: green) — MERV 10

Proprietary blend of cellulosic fibers and polyester fibers with a moisture resistant treatment for optimum dust release characteristics yielding long service life at high filtration efficiencies.

FR — Flame Retardant

(Color: off white) — MERV 10

Same standard fiber blend described above, chemically treated with a flame retardant.

FC - FR Carbon Impregnated

(Color: black) — MERV 10

Same standard fiber blend as described above, impregnated with carbon for static dissipation and chemically treated with a flame retardant.

SY — Synthetic

(Color: white) — MERV 10

Light-weight spun bond polyester media with superior filtration and cleanability with an efficiency of 99.99% on 0.5 microns and larger by weight; washable.

HG — High Efficiency Green

(Color: white/green) - MERV 16

Base green media with a microfiber synthetic melt blown laminate applied to the media surface for high filtration efficiencies.

HF — High Efficiency Flame Retardant

(Color: white/green) - MERV 16

Base flame retardant media with a microfiber synthetic melt blown laminate applied to the media surface for high filtration efficiencies.

HFC — High Efficiency FR Carbon Impregnated

(Color: white/green) - MERV 16

Base FR Carbon media with a microfiber synthetic melt blown laminate applied to the media surface for high filtration efficiencies.

**XG — eXtreme Green**

(Color: white/green) — MERV 15

Base green media with proprietary coating of nanofibers to yield the market's most superior filtration and cleanability with an efficiency of 99.995% on 0.5 microns and larger by weight.

XF — eXtreme Flame Retardant

(Color: white) — MERV 15

Base flame retardant media with proprietary coating of nanofibers to yield the market's most superior filtration and cleanability with an efficiency of 99.995% on 0.5 microns and larger by weight.

XFC — eXtreme FR Carbon Impregnated

(Color: white/black) — MERV 15

Base FR carbon impregnated media with proprietary dual layer of backer and nanofibers to yield the market's most superior filtration and cleanability with an efficiency of 99.995% on 0.5 microns and larger by weight.

XS — eXtreme Synthetic

(Color: white) — MERV 15

Light-weight spun bond polyester media with proprietary dual layer of backer and nanofibers to yield the market's most superior filtration and cleanability with an efficiency of 99.999% on 0.5 microns and larger by weight; washable.