

FILTER DATA SHEET

The patent pending double seal gasket around the perimeter eliminates any dust from accumulating on the top of the pan.

Factory bonded steel top and bottom headers

The spunbond fabric has uniform pleat spacing that allows for even loading between pulses.

Inner support screen

External bands and internal screen structure secure the filter from movement.

Helical cord retainer

KEY BENEFITS

- Meets widest range of tough application challenges; handles difficult dusts
- Washable media may be reused in many applications
- Exceptionally rugged, long-lasting
- Vertically integrated cartridge for better dust release and ease of removal and installation



CONFIGURATION

Model #	Part #	Media Type (Spun Bonded Polyester)	Media Area in ft. ² (m ²)	Dimensions in inches (meters)	Shipping Weight in lbs. (kg)
GS-DPS-225	225225-001	DuraPleat® Standard	225 (20.9)	ℓ 39 (1) • Ø 15 (.38)	31 (14.0)
GS-DPA-225	225225-002	DuraPleat® Aluminized	225 (20.9)	ℓ 39 (1) • Ø 15 (.38)	31 (14.0)
GS-DPO-225	225225-003	DuraPleat® Hydro-Oleophobic	225 (20.9)	ℓ 39 (1) • Ø 15 (.38)	31 (14.0)
GS-DPT-225	225225-004	DuraPleat® with PTFE	225 (20.9)	ℓ 39 (1) • Ø 15 (.38)	31 (14.0)

- DuraPleat media consists of 100% spun bond polyester in a pleated design that combines the best of both worlds - the high efficiency of pleated cellulosic media and the versatility of polyfelt - resulting in a premium filter whose performance is second to none.
- Ideally suited to tough applications including heavy dust loading conditions, high levels of fine particulate, and/or hygroscopic dust properties which may limit performance of cellulosic type filters.
- 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.
- Washable media may be reused in many applications.

SPECIFICATIONS

- **Efficiency:** 99.99% on 0.5 micron and larger particles by weight
- **Air Permeability:** DPS, DPA, DPO - 20 cfm/sq. ft (366 m³/m²h at 125 Pa)
DPT - 5 to 10 cfm/sq. ft (91 to 183 m³/m²h at 125 Pa)
- **Mullen Burst:** DPS, DPA, DPO - 400 psi (27.6 bars)
DPT - 200 psi (13.8 bars)
- **Gasket:** One-piece, double-ridged seal, polyisoprene rubber
- **Pans:** Galvanized steel, top and bottom; stainless steel optional
- **Filter Sealant:** Solid polyurethane top and bottom
- **Max. Temp:** 200°F (93°C)
250°F construction available
- **Notes:** External helical cords and internal screen secure the filter element from movement

SPUN BONDED FILTER MEDIA

DPS - Dura-Pleat Standard (Color: white)
Non-woven 8 oz. per square yard (271 g/m²) spun bonded general purpose polyester media.

DPA - Dura-Pleat Aluminized (Color: silver on white)
Base DPS media described above with a conductive aluminized finish applied to the filtration side for static dissipation and dust release.

DPO - Dura-Pleat Hydro-Oleophobic (Color: off white)
Base DPS media described above. Coated with an oil and water repellent finish.

DPT - Dura-Pleat with PTFE (Color: white)
DuraPleat standard base material with tetrafluorethylene (PTFE) membrane laminated to the upstream surface, for very high efficiencies of fine particulate or superior dust cake release.

TYPICAL APPLICATIONS

- Talc & cornstarch dust
- Foundry sand/metal pouring
- Drying systems
- Washable Applications
- Fluid bed dryers
- Spray dryers
- Pharmaceutical dust
- Mixing and blending dust
- Plastic & composite dust
- Food additives/spices

