



Factory bonded steel top and bottom headers

Pleated fabric

Internal HemiPleat® separator bead ensures uniform pleat spacing

Internal screen secures the filter element from movement

Uniform pleat spacing allows even loading between pulses

Helical cord retainer

Pour-in-place one-piece gasket



Key Benefits:

- Vertically integrated cartridge for better dust release and ease of removal and installation
- High filtration efficiency
- Excellent energy performance
- Long element life

Configuration

| PolyTech™ Media Type | HemiPleat Gold Cone for Tenkay Mark III 27" (686 mm) Long x 12.75" (324 mm) Dia. | | HemiPleat Gold Cone for Tenkay Mark IV 34" (864 mm) Long x 12.75" (324 mm) Dia. | |
|-----------------------------------|---|------------|--|------------|
| | Model No. | Part No. | Model No. | Part No. |
| HMPTS - Standard | HMPTL-197 | 211922-001 | HMPTXL-244 | 211872-001 |
| HMPTF - Flame retardant | HMPTFL-197 | 211922-002 | HMPTFXL-244 | 211872-002 |
| HMPTC - Carbon impregnated | HMPTCL-197 | 211922-003 | HMPTCXL-244 | 211872-003 |
| HMPTU - High efficiency | HMPTUL-197 | 211922-004 | HMPTUXL-244 | 211872-004 |
| HMPTUF - Flame retardant, Hi-Eff. | HMPTUFL-197 | 211922-005 | HMPTUFXL-244 | 211872-005 |
| HMPTNFR - HemiPleat Nano FR | HMPTNFRL-197 | 211922-009 | HMPTNFRXL-244 | 211872-009 |
| HMPTNST - HemiPleat Nano | HMPTNSTL-197 | 211922-010 | HMPTNSTXL-244 | 211872-010 |

- Designed for existing installations of the classic Tenkay Mark III & IV collectors, this cartridge incorporates all the added benefits of Gold Cone technology. The additional media area further lowers the pressure drop and extends the cartridge filter life.
- 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 and reduced service requirements.
- The new PolyTech™ media is the most advanced pulse-cleaned media ever made, and now comes standard with a moisture resistant treatment for high humidity resistance. service requirements.
- 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
- **Air Permeability:** 25-35 cfm/sq. ft. per 0.5" w.c. (457 - 640 m3/m2h at 125 Pa)
- **Mullen Burst:** (Dry) 40psi (2.8 bars) - AIM 20psi (1.4 bars) - Minimum
- **Gasket:** Pour-in-place one piece gasket
- **Pans:** Galvanized steel (top & bottom)
Optional: Stainless steel
- **Filter Sealant:** Solid polyurethane top/bottom
- **Max. Temps:** 160°F (71°C) Operating
180°F (82°C) Surge
- 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:

HMPTS - PolyTech Standard (Color: green) - MERV 11
Proprietary blend of cellulosic fibers and polyester fibers with a moisture resistant silicone treatment or optimum dust release characteristics yielding long service life at high filtration efficiencies.

HMPTC - PolyTech Carbon Impreg. (Color: black) - MERV 11 - Same PolyTech Standard fiber blend as described above, impregnated with carbon fibers for static dissipation.

HMPTF - PolyTech Flame Retardant (Color: off white with yellow stripes) - MERV 11 - Same PolyTech standard fiber blend described above, chemically treated with a fire retardant.

HMPTU - PolyTech Ultra High Efficiency (White/green) - MERV 15/16 - Base PolyTech Standard media with a microfiber synthetic melt blown laminate that yields the industry's best filtration efficiency at 99.999% on 0.5 micron and larger particles by weight.

HMPTUF - PolyTech Flame Retardant Ultra High Efficiency (White/off white) - MERV 15/16 - Base PolyTech Flame Retardant media with a microfiber synthetic melt blown laminate, that yields the industry's best filtration efficiency at 99.999% on 0.5 micron and larger particles by weight.



HMPTNFR - HemiPleat Nano FR (Color: white) - MERV 14/15
Base HMPTF flame retardant media with a microporous nanofiber coating. The nanofiber coating is applied to the upstream side of the filter for higher filtration efficiencies and improved dust release which makes this new material far superior to any other commercial filter media available.

HMPTNST - HemiPleat Nano ST (Color: white/green) - MERV 14/15
Base HMPTS moisture resistant silicone treated media with a microporous nanofiber coating. The nanofiber coating is applied to the upstream side of the filter for higher filtration efficiencies and improved dust release which makes this new material far superior to any other commercial filter media available.

