



HemiPleat™ Retrofit Cartridges

to fit Competitive Collectors



- ◆ Improve the performance or solve problems of existing collector systems. FARR filter cartridges are made with the new HemiPleat™ PolyTech™ media, the most advanced pulse-cleaned media ever made.
- ◆ The HemiPleat separator bead opens up the pleat uniformly, allowing more effective cleaning and lower pressure drop.
- ◆ FARR offers replacement upgrade cartridges to fit:
 - ✓ American Air Filter®
 - ✓ Torit®
 - ✓ MAC Equipment®
 - ✓ UAS/Dust-Hog®
 - ✓ Pneumafil®
 - ✓ Wheelabrator®

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)
- ◆ Pleat Height: 2.00" (51mm)
- ◆ Mullen Burst (Dry) 40 psi (2.8 bars) 20 psi (1.4 bars) - Minimum
- ◆ Gasket: Height: 0.5" (12.7mm) Width: 0.38" (9.7 mm)
- ◆ Pans: Galvanized steel (top & bottom) Optional: Stainless steel
- ◆ Filter Sealant: Solid polyurethane top/bottom
- ◆ Max. Temps: 160°F (52°C) Operating 180°F (60°C) Surge
- ◆ External helical cords and an internal perforated metal screen secure the filter from movement.

Poly Blend Filter Media:

HMPTS - PolyTech Standard (Color: green)

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

HMPTC - PolyTech Carbon Impreg. (Color: black)

Base HMPTS media described above, chemically treated and impregnated with carbon for static dissipation.

HMPTF - PolyTech Flame Retardant (Color: off white with yellow stripes) Base HMPTS media described above, chemically treated with a fire retardant.

HMPTU - PolyTech Ultra High Efficiency (White/green)

Base HMPTS media described above with a microfiber synthetic melt blown surface 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 media) - Consult factory

HMPTF fire retardant media described above with a microfiber synthetic melt blown surface laminate that yields the industry's best filtration efficiency at 99.999% on 0.5 micron and larger particles by weight.

Reference

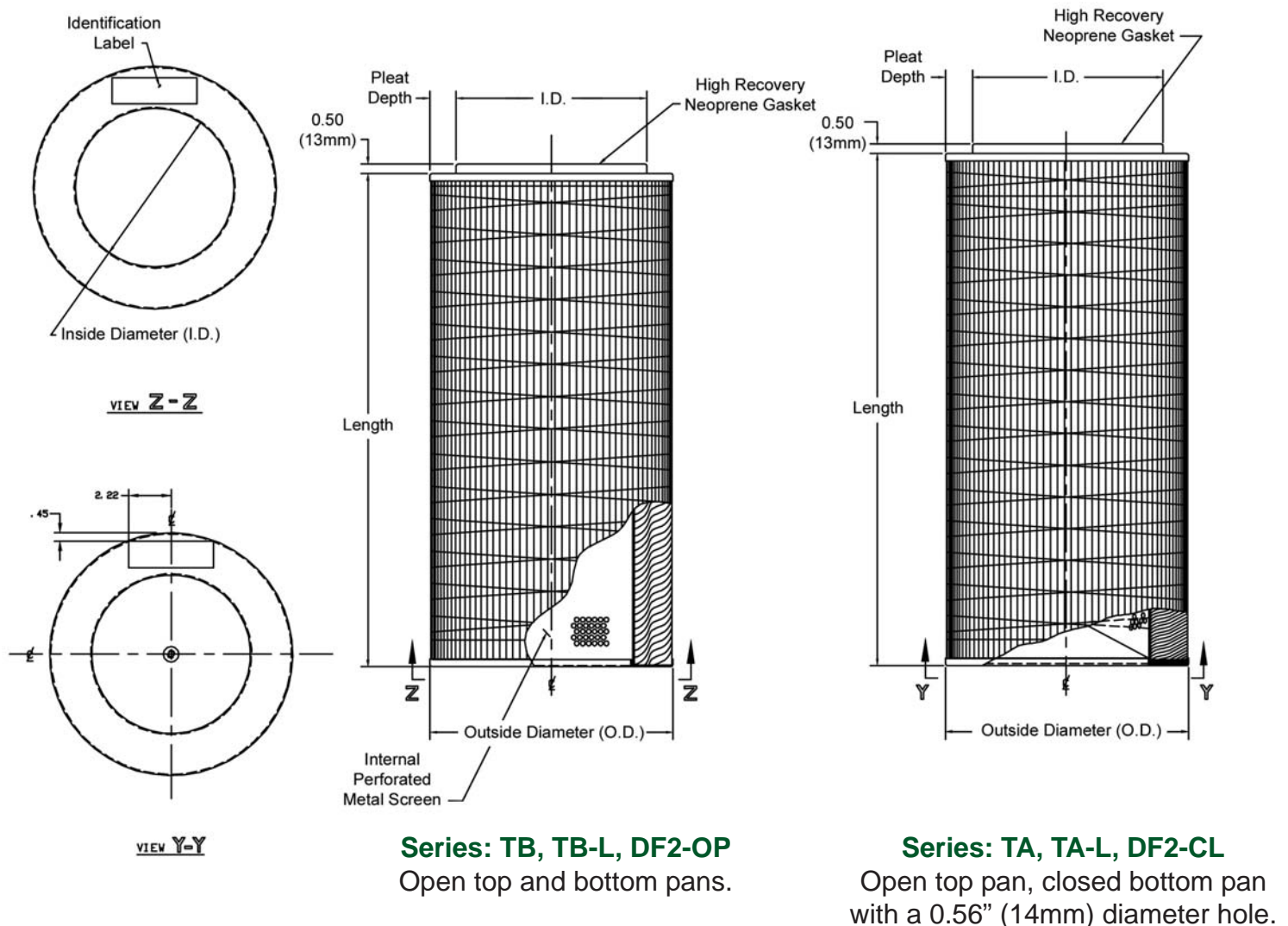
Manufacturer	Dust Collector	Filter Area Ft² (m²)	Dimensions In. (mm)
AAF	Optiflo®	227 (21)	13.84 (352) x 28 (711)
MAC	Mactiflo®	298 (28)	13.84 (352) x 30 (762)
Pneumafil	Paraflo®	226 (21)	12.75 (324) x 26 (660)
Torit	Downflo®	226 (21)	12.75 (324) x 26 (660)
			12.75 (324) x 26.88 (683)
			12.75 (324) x 34 (864)
			13.88 (353) x 26 (660)
UAS	Dust-Hog®	226 (21)	12.75 (324) x 26 (660)
		256 (24)	12.75 (324) x 30 (762)
Wheelabrator		226 (21)	12.75 (324) x 26 (660)

Selecting Retrofit Cartridges Is Easy As...

- 1 Use the *Reference* chart at left to identify your existing collector brand and overall dimensions of the filter cartridge(s).
- 2 Determine the equivalent FARR filter series using the *End Cap Options* diagram below, noting the configuration of the top and bottom metal pans.
- 3 From the *Configurations* chart on the next page, match the dimensions with the filter series, then select the desired PolyTech media type.

Note: Many collectors utilize a combination of the two different cartridge types below in a single system. Double-check filter quantities and configurations required before ordering.

End Cap Options

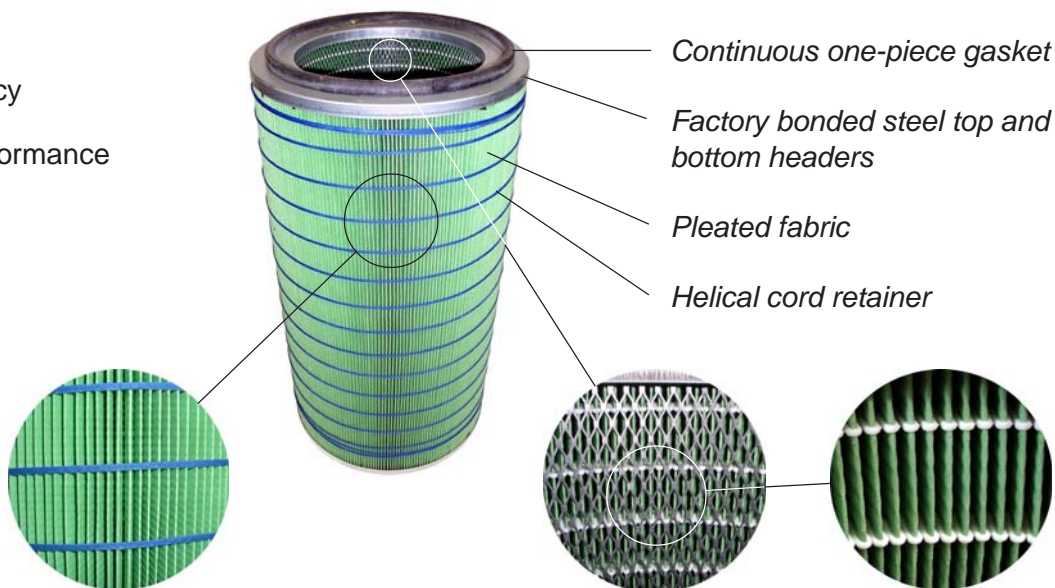


Configurations

FARR Retrofit Cartridges	Polytech™ Media Type	FARR P/N	Model Number	Replaces
TA Series 12.75" (324mm) O.D. 8.38" (213mm) I.D. 26.88" (683mm) Length Open top, closed bottom with 0.56" (14mm) diameter hole.	Standard	211831-001	HMPTA1-139	Torit 8PP-19215-01, 8PP-21347-00; TDC 30U
	Carbon impregnated	211831-002	HMPTACB-139	
	Fire retardant	211831-003	HMPTAFP-139	Torit 8PP-40764-00
	Ultra high efficiency	211831-004	HMPTAU-139	
TB Series 12.75" (324mm) O.D. 8.38" (213mm) I.D. 26" (660mm) Length Open top and bottom.	Standard	211985-001	HMPTB1-135	Torit 8PP-22269-00, 8PP-23099-00; TDC 30UOB
	Carbon impregnated	211985-002	HMPTBCB-135	
	Fire retardant	211985-003	HMPTBFP-135	Torit 8PP-40766-00
	Ultra high efficiency	211985-004	HMPTBU-135	
TA-L Series 12.75" (324mm) O.D. 8.38" (213mm) I.D. 34" (864mm) Length Open top, closed bottom with 0.56" (14mm) diameter hole.	Standard	211986-001	HMPTA1L-176	
	Carbon impregnated	211986-002	HMPTACBL-176	
	Fire retardant	211986-003	HMPTAFPL-176	
	Ultra high efficiency	211986-004	HMPTAUL-176	
TB-L Series 12.75" (324mm) O.D. 8.38" (213mm) I.D. 34" (864mm) Length Open top and bottom.	Standard	211987-001	HMPTB1L-176	
	Carbon impregnated	211987-001	HMPTBCBL-176	
	Fire retardant	211987-002	HMPTBFPL-176	
	Ultra high efficiency	211987-003	HMPTBUL-176	
DF2-OP Series 13.88" (353mm) O.D. 9.50" (241mm) I.D. 26" (660mm) Length Open top and bottom.	Standard	210823-001	HMPDF2SOP-154	Torit 8PP-42057-00, 8PP-32537-00
	Carbon impregnated	210823-002	HMPDF2COP-154	
	Fire retardant	210823-003	HMPDF2FOP-154	Torit 8PP-42058-00, 8PP-48001-00
	Ultra high efficiency	210823-004	HMPDF2UOP-154	
DF2-CL Series 13.88" (353mm) O.D. 9.50" (241mm) I.D. 26" (660mm) Length Open top, closed bottom with 0.56" (14mm) diameter hole.	Standard	211988-001	HMPDF2SCL-154	Torit 8PP-42057-00, 8PP-32537-00
	Carbon impregnated	211988-002	HMPDF2CCL-154	
	Fire retardant	211988-003	HMPDF2FCL-154	Torit 8PP-42058-00, 8PP-48001-00
	Ultra high efficiency	211988-004	HMPDF2UCL-154	
OPF Series 13.88" (353mm) O.D. 9.50" (241mm) I.D. 28" (711mm) Length Open top and bottom.	Standard	211606-001	HMPOPF-167	AAF 1658301-001
	Carbon impregnated	211606-002	HMPOPF-167-CB	
	Fire retardant	211606-003	HMPOPF-167-FR	
	Ultra high efficiency	211606-004	HMPOPF-167-U	
DFT Series 13.88" (353mm) O.D. 9.50" (241mm) I.D. 30" (762mm) Length Open top and bottom.	Standard	211917-001	HMPDFT-178	Various MAC Filters
	Carbon impregnated	211917-002	HMPDFT-178-CB	
	Fire retardant	211917-003	HMPDFT-178-FR	
	Ultra high efficiency	211917-004	HMPDFT-178-U	
FJH/FJS Series 12.75" (324mm) O.D. 8.38" (213mm) I.D. 26" (660mm) Length Open top and bottom.	Standard	211985-001	HMPTB1-135	UAS 33-0320, 33-1231
	Carbon impregnated	211985-002	HMPTBCB-135	
	Fire retardant	211985-003	HMPTBFP-135	UAS 33-0290, 33-1247
	Ultra high efficiency	211985-004	HMPTBU-135	
FJL Series 12.75" (324mm) O.D. 8.38" (213mm) I.D. 30" (762mm) Length Open top and bottom.	Standard	211989-001	HMPTB130-156	UAS 33-0322, 33-1233
	Carbon impregnated	211989-002	HMPTBCB30-156	
	Fire retardant	211989-003	HMPTBFP30-156	UAS 33-0291, 33-1249
	Ultra high efficiency	211989-004	HMPTBU30-156	
Pneumafil Twist-Lock Series 12.75" (324mm) O.D. 8.38" (213mm) I.D. 34" (864mm) Length Open top with Gold Cone.	Standard	211991-001	HMPNFTL-250	Various Pneumafil Filters
	Carbon impregnated	211991-002	HMPNFTLC-250	
	Fire retardant	211991-003	HMPNFTLF-250	
	Ultra high efficiency	211991-004	HMPNFLU-250	

Key Benefits:

- ◆ High filtration efficiency
- ◆ Excellent energy performance
- ◆ Long element life



Typical Applications

- ◆ **Blasting (room & wheel)**
- ◆ **Thermal/flame spray**
- ◆ **Paper trim/scrap systems**
- ◆ Sanding & grinding
- ◆ Talc & cornstarch dust
- ◆ Foundry sand/metal pouring
- ◆ Acrylic plastic
- ◆ Black beauty dust
- ◆ Ceramic dust
- ◆ Granite dust
- ◆ Sand blasting
- ◆ Steel shot blast
- ◆ Aluminum oxide
- ◆ Rubber grip sanding
- ◆ Carbon black
- ◆ Cereal dust
- ◆ Cigarette dust
- ◆ Dried soap lubricant
- ◆ Feldspar
- ◆ Fine wood sanding
- ◆ **Laser/plasma cutter fumes**
- ◆ **Wood dust**
- ◆ **Fiberglass manufacturing**
- ◆ Carbon black/toner dust
- ◆ Lead & other toxic dust
- ◆ Pneumatic conveyed dust
- ◆ Aluminum dust
- ◆ Cast iron grinding
- ◆ Clay dust
- ◆ Metal dust
- ◆ Sawdust
- ◆ Textile dust
- ◆ Incinerator ash and sand
- ◆ Brake shoe dust
- ◆ Cardboard dust
- ◆ Chrome oxide
- ◆ Crushed rock
- ◆ Dried tree bark dust
- ◆ Fiberglass fine grinding
- ◆ Frit
- ◆ **Pharmaceutical dust**
- ◆ **Welding fumes**
- ◆ Mixing & blending dust
- ◆ Mineral, silica dust
- ◆ Plastic & composite dust
- ◆ Food additive/spices
- ◆ Arc spray
- ◆ Cement dust
- ◆ Color pigments
- ◆ Powder coating
- ◆ Shot blast material
- ◆ Herbicide
- ◆ Bead blast dust
- ◆ Carbide tool dust
- ◆ Cellulose flour
- ◆ Chrome polishing
- ◆ Cutting galvanized steel
- ◆ Emerald creek garnet
- ◆ Fine FRP dust
- ◆ Fumed silica



FARR APC
Air Pollution Control

Farr APC is a proud member
of the Camfil Farr group.

03/05