

ROTATING RIGHT

PDA SERIES HIGH EFFICIENCY FILTER CARTRIDGES

99% Efficiency Absolute Poly Depth Cartridges



When efficiency is critical to you – and economical, longer-life cartridges are important – turn to Shelco®'s all new Absolute Melt Blown Cartridge. Our PDA Series is made of 100% polypropylene thermally bonded microfibers (producing a fixed-pore structure) which are blown over a rigid center core that provides greater stability for higher differential pressures. This process also achieves the most dirt-holding capacity available. Our cartridges are available in standard lengths to fit most housings, providing the best solution for your needs.

Features

- **Efficient** – 99% efficiency rating
- **Stable** – Through thermally bonded microfibers
- **Approved For Food And Beverage** – Meets FDA requirements
- **True Depth-Style Filtration** – Through graded density construction
- **Wide Range Of Chemical Compatibility** – Due to our 100% polypropylene construction
- **High Differential Pressures And Greater Throughput Efficiencies** – Results from our rigid center core construction
- **Higher Dirt-Holding Capacity** – From our fixed pore construction, even as the differential pressure increases
- **Customized** – Our thermally bonded end cap configurations can be customized to fit your specific requirements

Applications

- RO Prefilters
- Plating Solutions
- Photographic & Chemical Solutions
- Food & Beverage
- Electronics
- Commercial & Residential Applications
- Potable Water
- Wastewater



Product Specifications

Pore Size Retention Rating @ 99% Efficiency

1.0, 3.0, 5.0, 10.0, 25.0, 35.0, 50.0, 75.0, 100.0

Nominal Lengths

9.75", 10", 19.5", 20", 29.25", 29.75", 30", 40"

Materials of Construction

Filter Media: 100% Polypropylene

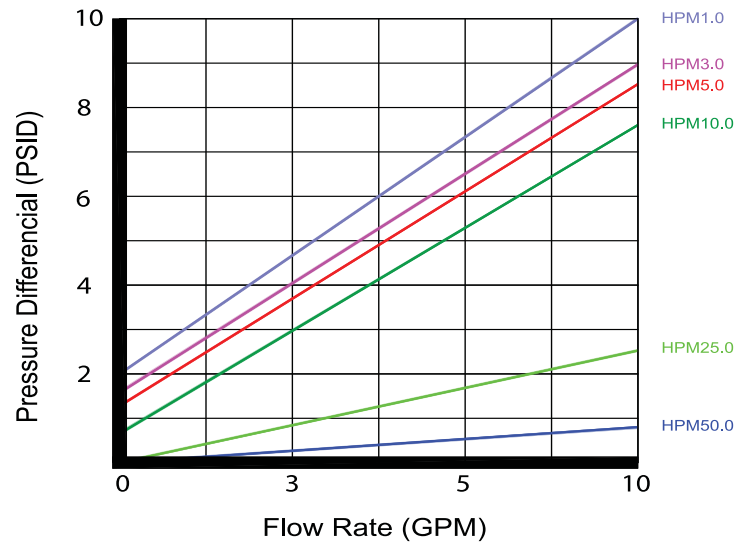
End Caps: Polypropylene (Thermally Bonded)

Gaskets (Optional): Various Materials Available

Please consult with a Shelco Technician for proper compatibility.

Operating Temperature

165° F (60° C)



Ordering Guide

PDA	5	10	S1	E
PRODUCT CODE	MICRON	LENGTH	END CAP CONFIGURATION	GASKET/O-RING
PDA	1.0	9.75"	S1 = DOE	Blank = None
	3.0	10"	S3 = 222 w/Fin End	B = Buna-N
	5.0	19.5"	S4 = 222 w/Flat End	E = Ethylene Propylene
	10.0	20"	S5 = 226 w/Fin End	S = Silicone
	25.0	29.25"	S14 = Polyfoam Flat gasket (DOE)	V = Viton
	35.0	29.75"		
	50.0	30"		
	75.0	40"		
	100.0			

Part Number Example: PDA1.0-10-S1E

FDA Compliance

Shelco® MicroVantage™ Melt Blown Cartridges are manufactured of pure polypropylene materials with no additives or other manufacturing agents. Shelco® certifies that all materials used in the production of these cartridges meet the requirements of FDA Title 21 of The Code of Federal Regulations 174.5 and 177.1520.

Filter Housings

Shelco® manufactures a full line of filter housings. From our rugged single element housings to our heavy-duty multi-rounds and bag housings, we have the right filter for your requirement. Shelco® is the perfect choice for your problem solutions.



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