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# Chemflow-PE PTFE Pleated Membrane Filter Cartridge | Chemically resistant design for bulk and low temperature applications

Part #: PE-10310-002-5-EW



The Chemflow®-PE filter cartridge uses a PTFE pleated membrane filter cartridge along with HDPE supports that provide an economical alternative to all-fluoropolymer cartridges while providing a high degree of retention and cleanliness.

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## Technical Specifications

Brand:	Parker	Hose Reinforcement Material & Structure:	HDPE
Industry:	Microelectronics	Micron Rating (µm):	0.2
Function:	Clarification/Prefiltration/Polishing	Flow Rate:	3.8GPM/PSID per 10 inch cartridge equivalent
Media:	PTFE	End Cap Configuration:	222 O-Ring/Flat cap
Filter Construction:	Pleated	Type/Configuration:	Standard fittings
Outside Diameter:	2 3/4 inch	Seal Material:	FEP Encapsulated Viton
End Cap Material:	HDPE	Options:	Wet Packed
Core Type:	HDPE	Length (inch):	10

[Safety Warning](#)

## Item Information

The Chemflow®-PE filter cartridge uses a PTFE membrane along with HDPE supports that provide an economical alternative to all-fluoropolymer cartridges. It provides a high degree of retention and cleanliness along with good flow and lifetime. This filter is ideally suited for bulk chemical delivery and lower temperature wet processes (<60°C). It is available dry or wet-packed for quick installation. Features/Benefits • Good flow rates • Long lifetime • Wet-pack option for quick installation • PTFE/ HDPE construction for chemical resistance • 100% integrity tested in cleanroom environment Applications • Filtration for bulk chemical delivery such as: – Acid filtration – Bases filtration – Solvent filtration – Photochemical filtration – Wet etch and clean (< 60°C) filtration – Phosphoric acid filtration – Hydrofluoric acid filtration – Nitric acid filtration – SC1, SC2 filtration – Solvent filtration

## CAD Drawings + Files

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