

Parker Product Datasheet



PEPLYN PLUS Polypropylene filters are utilized for the clarification and pre-stabilization of process liquids and supporting utility solutions.

PART NUMBER: ZCPP1-1.0B
LENGTH: 10' (250 mm)
PRODUCT STYLE: Cartridge
SEAL MATERIAL: EPDM
MICRON RATING: 1 μ m
END CAP CONFIGURATION: dh DOE
GRADE: Standard

PRODUCT OVERVIEW

An all polypropylene construction ensures a broad range of chemical compatibility making PEPLYN PLUS cartridges particularly suitable for the filtration of aggressive and viscous chemicals and solvents. They do not suffer from hydrolysis in aggressive solutions which would result in the contamination of the process fluid.

Available in a range of absolute retention ratings, PEPLYN PLUS cartridges represent a cost-effective solution to clarify and condition a range of products prior to intermediate storage or further processing.

Extensive research has resulted in filter media with continuously graded fibre density giving progressively finer particulate retention through the depth of the media. This combined with optimized media pleating density gives PEPLYN PLUS cartridges exceptional lifetime performance.

Features and Benefits

- Graded density for excellent particle retention
- Wide range of end caps to provide retrofitting of existing systems
- All polypropylene construction – for superior chemical compatibility

TECH SPECIFICATIONS

DIVISION	Bioscience and Water Filtration Division
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FOR FLUID TYPE	Liquids
INDUSTRY	Food and Beverage Pharmaceuticals
SPECIFICATIONS MET	FDA 21 CFR Part 177 Current EC1935 / 2004 Current USP Plastics Clas VI - 121°C
APPLICATION	Liquid Clarification and Prefiltration
BRAND	Parker
TECHNOLOGY	Filtration
PRODUCT SERIES	PEPLYN PLUS
PRODUCT TYPE	Liquid Filter Elements
MATERIALS OF CONSTRUCTION	Filtration Media: Polypropylene Upstream Support: Polypropylene Downstream Support: Polypropylene Inner Support Core: Polypropylene Outer Protection Cage: Polypropylene End Caps: Polypropylene End Cap Insert 316L Stainless Steel
OPERATING TEMPERATURE	up to 70°C (158°F) Continuous Operating Temperature and Higher Short-term Temperatures During CIP.

FILTER CONSTRUCTION

Pleated

FILTER MATERIAL

Polypropylene