

Parker Product Datasheet



TETPOR LIQUID filters are particularly suitable for sterilization and particulate removal from aggressive chemicals (including acids, bases and solvents) within a wide range of critical processing industries.

PART NUMBER: ZEMTB-020NN-PN3
LENGTH: 5.5' (140 mm)
PRODUCT STYLE: DEMICAP Capsule
SEAL MATERIAL: n/a
CONFIGURATION: n/a
OUTLET CONNECTION SIZE: ½" NPT Male
INLET CONNECTION SIZE: ½" NPT Male
MICRON RATING: 0.2 µm
END CAP CONFIGURATION: n/a
GRADE: Pharmaceutical

PRODUCT OVERVIEW

The superior performance, strength and durability of TETPOR LIQUID filters stems from the use of a single layer, high security PTFE membrane, which has a high dirt holding capacity due to its high void volume. This results in low pressure drops and long service life.

High flow rates are achieved due to the optimized pleat pack density and the superior design construction of TETPOR LIQUID filters.

Features and Benefits

- Superior chemical resistance of PTFE membrane combined with polypropylene hardware

- Integrity tested prior to despatch
- Validated to ASTM F838-05 methodology
- Comprehensive range of end cap configurations for retrofitting

TECH SPECIFICATIONS

DIVISION	Bioscience and Water Filtration Division
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FOR FLUID TYPE	Aggressive Liquids
INDUSTRY	Industrial Fermentation
INDUSTRY	Pharmaceuticals
SPECIFICATIONS MET	21 CFR Part 177 and current USP Plastics Class VI - 121 C and ISO10993 equivalents
APPLICATION	Sterile Filtration
BRAND	Parker
TECHNOLOGY	Filtration
PRODUCT SERIES	TETPOR LIQUID
PRODUCT TYPE	Liquid Filter Element
MATERIALS OF CONSTRUCTION	Filtration Media: PTFE
	Upstream Support: Polypropylene
	Downstream Support: Polypropylene
	Core: Polypropylene
	Sleeve: Polypropylene
	End Caps: Polypropylene
	Capsule Body: Polypropylene
OPERATING TEMPERATURE	Capsules Vent Seals: Silicone
	Filling Be
OPERATING TEMPERATURE	up to 40°C (104°F) at Line Pressures up to 5.0 barg (72.0 psig)

FILTER CONSTRUCTION

Pleated

FILTER MATERIAL

PTFE