

Parker Product Datasheet



TETPOR AIR sterilizing filter cartridges offer exceptional filtration performance while providing the highest levels of biosecurity throughout the process industry.

PART NUMBER: ZEMTE-020TT-AN3
LENGTH: 4.4' (113 mm)
PRODUCT TYPE: DEMICAP Capsule
SEAL MATERIAL: n/a
CONFIGURATION: n/a
OUTLET CONNECTION SIZE: 1' Tri-Clamp
INLET CONNECTION SIZE: 1' Tri-Clamp
END CAP CONFIGURATION: n/a

PRODUCT OVERVIEW

Operating at ambient temperature conditions, TETPOR AIR filters provide a cost-effective filtration solution. A unique polypropylene prefilter layer extends service life in heavily contaminated environments.

TETPOR Air filter cartridges utilize a well-proven inherently hydrophobic expanded PTFE membrane validated as sterilizing grade in liquid in accordance with ASTM F838-05. This ensures the removal of all airborne bacteria, viruses and bacteriophage.

Features and Benefits

- Assured biosecurity with absolute rated filtration

- High flow rates with low pressure drops
- High voids volume PTFE membrane
- Steam sterilizable to 140°C (287.6°F)

TECH SPECIFICATIONS

DIVISION	Bioscience and Water Filtration Division
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FOR FLUID TYPE	Air and Gas
INDUSTRY	Pharmaceuticals
SPECIFICATIONS MET	USP Plastics Class VI - 121°C
SPECIFICATIONS MET	Fully validated to ASTM F838-05 liquid bacterial challenge
SPECIFICATIONS MET	FDA 21 CFR Part 177
APPLICATION	Sterile Gas and Vent Filtration
BRAND	Parker
TECHNOLOGY	Filtration
PRODUCT SERIES	TETPOR AIR
PRODUCT TYPE	Air 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	up to 60 °C at 2.8 barg (40.6 psig)
	up to 140 °F at 2.8 barg (40.6 psig)

OPERATING TEMPERATURE	up to 25 °C at 5.5 barg (79.7 psig)
OPERATING TEMPERATURE	up to 77 °F at 5.5 barg (79.7 psig)
FILTER CONSTRUCTION	Pleated
FILTER MATERIAL	PTFE
MICRON RATING	0.2 micron
FILTER AREA	0.06 m²
FILTER AREA	0.64 ft²