

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: ZSMT050-020GG-PNS025
LENGTH: n/a
PRODUCT TYPE: Syringe
SEAL MATERIAL: n/a
CONFIGURATION: n/a
OUTLET CONNECTION SIZE: Stepped Hosebarb
INLET CONNECTION SIZE: Stepped Hosebarb
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	Fully validated to ASTM F838-05 liquid bacterial challenge
SPECIFICATIONS MET	FDA 21 CFR Part 177
SPECIFICATIONS MET	USP Plastics Class VI - 121°C
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
	Body: Polypropylene
FILTER CONSTRUCTION	Encapsulated Disc
FILTER MATERIAL	PTFE
MICRON RATING	0.2 micron
FILTER AREA	2.25 inch2

FILTER AREA

14.50 cm2