

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: ZCMTA/020T-A
LENGTH: 5.0' (125 mm)
PRODUCT TYPE: Demi Cartridge
SEAL MATERIAL: Silicone
CONFIGURATION: n/a
OUTLET CONNECTION SIZE: n/a
INLET CONNECTION SIZE: n/a
END CAP CONFIGURATION: TRUESEAL

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	USP Plastics Class VI - 121°C
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
	Inner Support Core: Polypropylene
	Outer Protection Cage: Polypropylene
	End Caps: Polypropylene
	End Cap Insert: 316L Stainless Steel
	Stand
OPERATING TEMPERATURE	60 °C (continuous)
OPERATING TEMPERATURE	140 °F (continuous)

Higher short-term temperatures during CIP to the following:

OPERATING TEMPERATURE

up to 20°C (68°F) @ 5.0 barg (72.5 psig)

up to 40°C (104°F) @ 4.0 barg (58.0 psig)

up to 60°C (140°F) @ 3.0 barg (43.5 psig)

up to 80°C (176°F) @ 2.0 barg (29.0 psig)

FILTER CONSTRUCTION

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FILTER MATERIAL

PTFE

MICRON RATING

0.2 micron

FILTER AREA

2.69 ft²

FILTER AREA

0.25 m²