

POLYESTER PLEATED CARTRIDGES

RAI polyester pleated cartridges are graded pore depth filters, made of FDA compliant pure pleated Polyester multi-layer media. RAI cartridges are not affected by pressure drop fluctuations during operation, resulting in consistent high filter performance.



PRODUCT CATEGORIES

- RAI10-x – Polyester Pleated Cartridges

TYPICAL APPLICATIONS

- Water purification & processing
- Pharmaceutical
- Food & beverage
- Chemicals
- Electronics & Semiconductor

FEATURES

- Comprehensive product availabilities
- FDA compliant fibre matrix. Silicon contamination free
- No surface treatment agents used, chemically inert and neutral
- Broad chemical compatibilities
- Extractable & fibre migration free
- Back washable by steam sterilization.
- One-piece thermal bonding construction for bypass free performance. No binder polymer applied
- Large contaminant retention capacities, extended service lives
- Non-volatility residue < 40 ppm/10”

TECHNICAL SPECIFICATIONS

Product Code	RAI10-x
Description	Polyester Pleated Cartridge
Length	10-40”
Micron Rating	1, 5, 10, 25, 50 µm
Efficiency	80 %

Cartridge ID/OD	26mm/68mm
Max. Δ P Allowed	420 kPa @ 35°C
Change-out Δ P	350-400 kPa
Max. Operating Temp.	≤80 °C @ 200 kPa
Sterilization Temp.	120 °C @ 30 min