

RF-C-25064-ME

Disposable Coalescing Filter Element — 25 × 64 mm, Medium Efficiency (Grade 60C)

99.5%

EFFICIENCY @ 0.01 µM

25×64

MM (ID × LENGTH)

PVDF

BONDED BOROSILICATE

150°C

MAX. TEMPERATURE

TECHNICAL SPECIFICATIONS

Model	RF-C-25064-ME
Element Type	Disposable Coalescing Filter Element
Construction	Borosilicate glass microfibrres bonded with Kynar® fluorocarbon (PVDF) resin
Filtration Grade	ME — Medium Efficiency (Grade 60C)
Filtration Efficiency	≥ 99.5% removal of 0.01 µm particles and aerosols
Air Flow Resistance	< 1.0 kPa at 6 m/min in air at 25 °C
Inner Diameter	25.0 mm ± 0.25 mm
Outer Diameter	38.0 mm ± 1.5 mm
Length	64.0 mm ± 0.25 mm
Burst Strength (dry)	≥ 5.0 bar minimum
Collapse Strength (dry)	≥ 2.0 bar minimum
Temperature Range	−50 °C to +150 °C in air
Chemical Resistance	Resistant to all mineral, vegetable, and synthetic compressor lubricants



25 × 64 mm Coalescing Element

K-Type Variant

For acidic service order the K-type RF-C-25064-MEK (PVDF binder). Concentrated KOH: sintered PTFE / SS elements, customer test required.

S-Type Variant

For extended service life in heavy-duty applications, order the S-type: **RF-C-25064-MES** with reinforced construction.

PERFORMANCE GRADE OVERVIEW

R+F ARTICLE	GRADE	EFFICIENCY	APPLICATION
RF-C-25064-HE	HE (50C)	≥ 99.99% @ 0.01 µm	High-purity gas, semiconductor
RF-C-25064-ME	ME (60C)	≥ 99.5% @ 0.01 µm	General coalescing, H₂/O₂ drying
RF-C-25064-ST	ST (70C)	≥ 95% @ 0.01 µm	Standard duty coalescing
RF-C-25064-PF	PF (80C)	≥ 90% @ 0.01 µm	Pre-filtration, coarse coalescing

COMPATIBLE HOUSINGS

HOUSING	PORTS	MAX PRESSURE	MATERIAL
RF-H-130 / 132 / 133 / 134 / 136	¼" – ½" NPT	100 bar	316L SS
RF-H-130HP – 136HP	¼" – ½" NPT	200 bar	316L SS
RF-H-137 / 138 (Low-Pressure)	¼" – ½" NPT	7 bar	316L SS

⚠ Element Replacement: Replace element when differential pressure exceeds 0.7 bar, or at the latest every 3 months in H₂ / O₂ electrolysis service (not cleanable).

ORDERING GUIDE

Article format:
 RF-C-[ID][Length]-[Grade][Type]

Example:
 RF-C-25064-ME
 = Coalescing, 25mm ID, 64mm length, Medium Efficiency, Standard type