Ultipor® GF Plus Air and Gas Filters

High Capacity, Long Life Filters for Air and Gas Service























Pall Ultipor GF Plus filter cartridges are made with high voidage glass fiber media for enhanced filter life.

The cartridges feature a high area pleated element construction designed to fit in sanitary-style filter housings. A bio-safe low extractables binder resin covalently immobilizes the glass fibers and imparts high-strength and reliable removal efficiency. Due to the high particulate removal efficiency and low pressure drops consistent with glass fiber media, Ultipor GF Plus filters effectively protect sterilizing-grade filters in air and gas applications.

Pharma Quality for Highest Quality Requirements

Ultipor GF Plus filters are manufactured in accordance with ISO9000 and GMP requirements. Each filter is supplied with a certificate of test that confirms suitability for use in pharmaceutical applications. Samples are tested for effluent quality to meet the USP requirements regarding

- Total Organic Carbon
- pH shift
- Endotoxins

All components meet the specifications for biological tests listed in the USP for Class VI plastics at 121 °C.

Each box contains a certificate which confirms the quality standards in manufacturing, the traceability of all components, and the above mentioned safety tests.

Features and Benefits

- High area pleated medium
- Low differential pressures
- Absolute particle-rated in liquids
- · High-capacity for long-life
- Fixed pores prevent unloading
- Choice of AB (SOE) sanitary or (DOE) cartridge styles
- Manufactured for use in conformance with cGMP
- FDA-listed materials per 21 CFR
- ISO 9000 Certified Quality System

Ultipor GF Plus Air and Gas Filters

Technical Specifications

Materials of Construction

Filter Medium	Resin-bonded glass-fiber
Support and Drainage	Polyester
Core, cage and Endcaps	Polypropylene

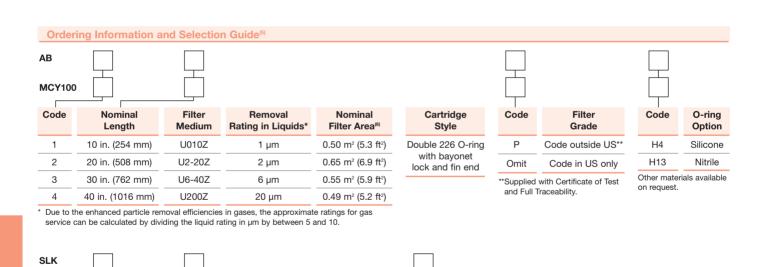
Operating Conditions(1)

Maximum Operating	4 bar (58 psi) at 80 °C (176 °F)
Pressure	

(1) In compatible liquids which do not soften, swell or adversely affect the filter or materials of construction

Steam Sterilization

Up to 140 °C (284 °F)



Nominal

Filter Area⁽⁶⁾

0.20 m² (2.1 ft²)

0.22 m² (2.3 ft²)

0.20 m² (2.1 ft²)

0.18 m² (1.9 ft²)

Filter

Grade

Code outside US

Code in US only

Supplied with Certificate of Test and Full Traceability

Code

Ρ

Omit

O-ring

Option

Silicone

Nitrile

Other materials available

Code

H4

H13

MCY4440 MCY4463

Removal

Rating in Liquids*

1 µm

 $2 \, \mu m$

6 µm

20 µm

Filter

Medium

U010Z

U2-20Z

U6-40Z

U200Z

Code

7001

7002

130

⁽⁵⁾ This is a guide to the part number structure only.

For SLK7002 and MCY4463 style.