

High-Temperature Glass Fiber HEPA Filter

This HEPA filter utilizes heat-resistant glass fiber media. It is designed with a stainless steel or galvanized steel frame and is suitable for high-temperature environments.



Overview

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This high-performance HEPA filter is specifically engineered for industrial and commercial environments requiring extreme temperature resistance ranging from 250°C to 400°C. Constructed with premium heat-resistant glass fiber media and a robust stainless steel or galvanized steel frame, it ensures structural integrity and consistent filtration efficiency under demanding conditions. Designed for longevity and reliability, this filter is an ideal solution for cleanroom ventilation systems and high-temperature air processing.

Technical Specifications

Efficiency Ratings (EN 1822)	F7, F8, H10, H11, H12, H13, H14
Operating Temperature Range	250 to 400°C
Recommended Final Pressure Drop	400 Pa

Materials & Construction

Frame Material Options

- 304 Stainless steel
- 210 Stainless steel
- Galvanized steel

Construction Components

Component	Material
Separator	Corrugated aluminum foil
Gasket	Heat resistant rubber
Sealant	Heat resistant polyurethane
Face Guard	Aluminum or stainless steel mesh

Operational Details

Key Performance Advantages

High Temperature Resistance • High Air Flow Rate • Low Pressure Drop • Robust Frame Construction

Maximum Humidity	80 %
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