

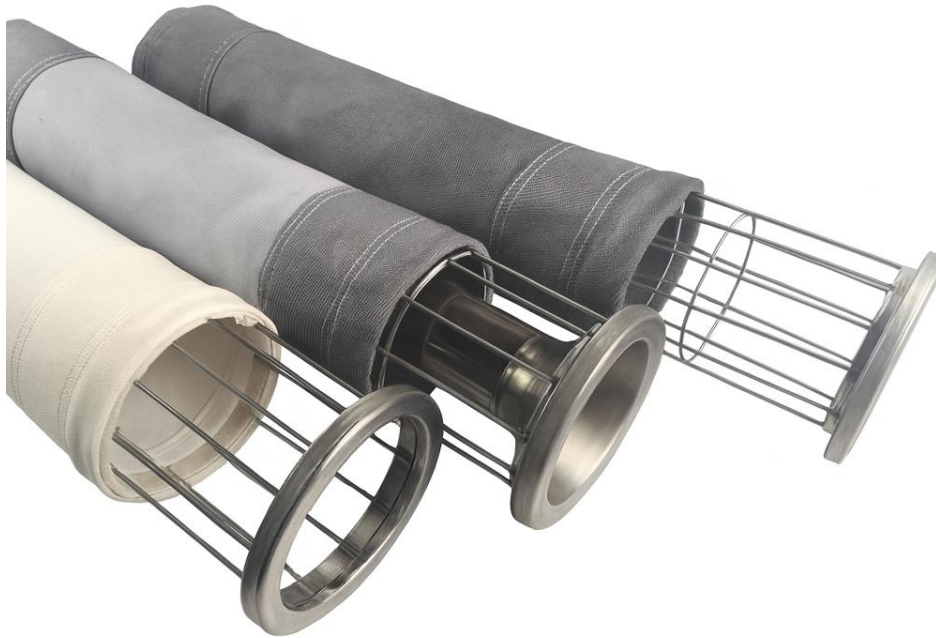


## DFX™ Series – Dust Filtration Excellence Built for Industrial Demands

### DFX-FG™ – Fiberglass Filter Bags Product Highlights

Filtracore Asia's **DFX-FG™ Fiberglass Filter Bags** are engineered for **extreme temperature and chemically aggressive applications**, providing **durable, high-performance dust collection** in the harshest operating conditions. Manufactured from **premium woven or needled fiberglass media**, the bags are rated for **continuous service up to 260 °C**, withstanding **short-term thermal peaks of 280–300 °C** without structural degradation.

To enhance performance and longevity, **optional surface treatments** including **PTFE,**



**graphite, or silicone coatings** are available. These finishes reduce flex fatigue, increase resistance to acidic or alkaline attack, and improve dust cake release, supporting lower emissions and longer service intervals. **Pleated high-temperature elements** are also available, including options with **fiberglass felt and ePTFE membrane,**

providing up to **2–3× surface area** and reduced pressure drop in pulse-jet baghouses without requiring major system modifications.

DFX-FG™ is widely applied in **cement kilns, foundries, incinerators, and other severe process industries**. Bags are supplied in **OEM-equivalent constructions**, sized to fit baghouses from **Donaldson®, AAF®, Parker Hannifin®, BWF® Envirotec, FLSmidth®, Nederman MikroPul®, Sly Inc.®,** and other major suppliers upon request.

***Built to Withstand Heat. Designed for Demanding Duty. Powered by DFX-FG™.***

**Applications - DFX-FG™ – Fiberglass Filter Bags**

- **Cement & Lime Kilns:** Main kiln, clinker cooler, and raw mill exhaust where extreme heat and abrasive particulates require durable media
- **Waste & Hazardous Incineration:** Municipal, medical, and industrial incinerators handling corrosive flue gases and acidic vapours
- **Metals & Foundry Operations:** Steel, aluminium, copper, and non-ferrous smelting and refining off-gas collection at elevated temperatures
- **Power Generation:** Coal, biomass, and RDF boilers with high ash loading and sustained high temperatures unsuitable for synthetics



- **Chemical Processing:** High-temperature reactors, dryers, and calcination units producing aggressive gas streams
- **Glass & Ceramics Production:** Melting, curing, and kiln operations where dust is fine, abrasive, and heat-stable, and **other demanding industrial applications**

**OEM Compatibility & Replacement Cross-Reference**

**DFX-FG™ Fibreglass Dust Filter Bags** are supplied in OEM-equivalent constructions<sup>1</sup> for cylindrical baghouse systems and can be manufactured to fit:

- **Donaldson® Torit®** high-temperature baghouse collectors
- **AAF® FabriPulse®** high-temp fibreglass designs
- **Parker Hannifin® BHA®** filter bags (fibreglass media)
- **BWF®** Envirotec woven and needled fibreglass ranges
- **FLSmidth®** high-temperature kiln baghouse systems
- **Nederman MikroPul®** baghouse collectors
- **Sly Inc.® TubeJet®** systems



*Other compatible OEM systems upon request*

## Order Information - DFX-FG™ – Fiberglass Filter Bags

When placing an order, please specify the following:

- **Bag Diameter:** Standard diameters include 120 mm, 125 mm, 130 mm, 150 mm, and 160 mm; custom diameters available on request
- **Bag Length:** 1000 mm to 6000 mm standard; longer lengths available upon request
- **Media Type:** Woven or needled fibreglass felt; optional blends with ePTFE membrane
- **Surface Treatments:** PTFE, graphite, or silicone coatings available for flex fatigue, chemical resistance, and improved cake release
- **Top Options:** Snap band, raw cuff, corded cuff, compression cuff, flange collar, or ring top
- **Bottom Options:** Sewn disc (standard); reinforced bottoms or wear pads for abrasion protection
- **Seam Construction:** Sewn with high-temperature resistant thread; double or triple-stitched options
- **Cage Compatibility:** Designed for use with standard round or oval support cages
- **Compliance:** Designed for general industrial high-temperature applications; food-contact compliant variants available (FDA 21 CFR; EU 1935/2004 & 10/2011)
- **Add-Ons:** Anti-collapse rings, wear pads, top-load guides, spark-resistant cuffs
- **Pleated Option:** Available on request for retrofit applications, including fibreglass felt with ePTFE membrane; provides up to 2–3× surface area, reduced pressure drop, and extended service intervals

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<sup>1</sup>DFX-FG™ bags are designed for operations up to 260°C (500°F). Always verify treatment types (e.g. PTFE-laminated or silicone finish) and support cage compatibility. Compatibility is based on dimensional and construction equivalency.

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