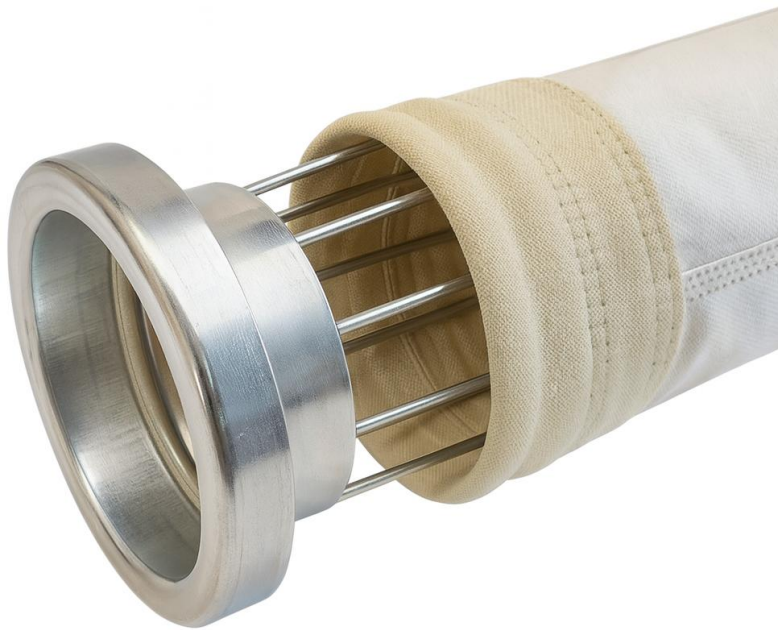




## DFX™ Series – Dust Filtration Excellence Built for Industrial Demands

### DFX-NMX™ – Aramid (Nomex®) High-Temperature Dust Bags Product Highlights

Filtracore Asia's **DFX-NMX™ Aramid (Nomex®) Dust Filter Bags** are built for **high-temperature dust collection** in demanding industries such as **cement kilns, asphalt mixing, foundries, and waste incinerators**. Constructed from **premium aramid needlefelt (Nomex®)**, they deliver **continuous performance up to 200 °C**, withstanding short-term excursions up to 220–240 °C without significant shrinkage or loss of strength.



The robust aramid structure provides **excellent abrasion resistance, low shrinkage, and long bag life**, even under aggressive cleaning cycles. With strong mechanical stability, DFX-NMX™ reduces change-outs, lowers emissions, and ensures consistent system uptime – making it a **cost-effective choice for procurement teams managing high-temperature operations**.

DFX-NMX™ bags are designed for **pulse-jet, shaker, and reverse-air baghouses**, and can be supplied in **OEM-equivalent**

**constructions** for housings from **Donaldson®, AAF®, Parker Hannifin®, BWF® Envirotec, Standard Filter®, GE Environmental®, FLSmith®, and other major suppliers**. Available in both **standard and custom lengths and diameters**, these bags integrate seamlessly into existing systems without compromising fit or performance.

***Built for Heat. Trusted for Durability. Backed by FiltraCore.***

## Applications - DFX-NMX™ – Aramid (Nomex®) High-Temperature Dust Bags

DFX-NMX™ Aramid Dust Filter Bags are widely applied in industries requiring stable high-temperature filtration combined with strong mechanical durability. Typical use cases include:

- **Cement Kilns** – main kiln, clinker coolers, and grinding mills where gas temperatures reach 180–220 °C.
- **Asphalt Mixing Plants** – dryer drums and mixing zones where temperature spikes and abrasive dust loads are present.
- **Metal Foundries** – melting, pouring, and sand reclaim operations with hot particulate and mechanical abrasion.
- **Industrial Incinerators** – waste and sludge combustion systems requiring resistance to acidic gases and continuous 200 °C service.
- **Mineral Processing & Lime Kilns** – high-heat gas streams with abrasive dust and mechanical stress.



In these applications, DFX-NMX™ provides long service life, reduced emissions, and reliable dimensional stability, making it a cost-effective choice for procurement teams managing high-temperature operations.



## OEM Compatibility & Replacement Cross-Reference

DFX-NMX™ Aramid Dust Filter Bags are engineered as OEM-equivalent replacements<sup>1</sup> for high-temperature baghouse systems and can be supplied to fit:

- **Donaldson® Torit®** high-temperature baghouse collectors
- **AAF® FabriPulse®** and other aramid baghouse designs
- **Parker Hannifin® BHA®** filter bags (Nomex® media)
- **BWF® Envirotec Nomex®/aramid** ranges
- **Standard Filter®** aramid dust bags
- **GE Environmental®** high-temperature baghouse systems
- **FLSmidth®** kiln and process baghouse systems
- **Nederman MikroPul®** high-temp baghouse collectors

*Other compatible OEM systems upon request*

## Order Information - DFX-NMX™ – Aramid (Nomex®) High-Temperature Dust 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 on request
- **Media Type:** 100% Aramid Needlefelt (Nomex®); basis weight typically 500–600 g/m<sup>2</sup>
- **Finishes & Treatments (optional):** Glazed or singed surface, PTFE membrane, oil & water repellent
- **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 available for abrasive environments
- **Seam Construction:** Sewn with high-temperature threads (PTFE or aramid); double or triple stitched
- **Cage Compatibility:** Round or oval cages; venturi-equipped cages compatible
- **Operating Conditions (recommended):** Continuous 200 °C; peaks to 220–240 °C; suitable for high-temperature particulate with moderate acid exposure
- **Compliance:** Supplied in OEM-equivalent constructions; food-contact compliant variants available on request (FDA 21 CFR; EU 1935/2004 & 10/2011)
- **Add-Ons:** Anti-collapse rings, wear pads, top-load guides, grounding wires for static protection

<sup>1</sup>DFX-NMX™ bags operate reliably up to 200°C (392°F) and are ideal for applications involving thermal spikes, chemical exposure, or asphalt/foundry environments. Optional treatments (e.g. PTFE, acid resistance) must be matched per application. Compatibility is based on dimensional and construction equivalency

Pleated variants of this media are sometimes promoted but are not considered commercially reliable due to fibre and service-life limitations. FiltraCore Asia supplies only proven bag constructions in line with global OEM standards.

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