

Nordfab QFS Sealed Duct System



Nearly all machining operations create oil mist, the aerosol formed when oil is used for cooling or lubricating during the machining of metal or plastic components. Proper ventilation is required to prevent oil mists from fouling equipment, products, and the working environment.

Nordfab offers QFS™ Sealed Duct to protect against leakage in ducting used in ventilation systems where oil mist and smoke are contaminants.

Oil Mist Health Hazards & Safety Risks

- Respiratory ailments
- Eczema and other skin conditions
- Increased risk of falls and related accidents
- Pollution of general ventilation system
- Damage to sensitive electronics
- Creating dirty environment

Applications where Oil Mist contamination is common

- Steel mills
- Rolling mills
- Rubber and plastic industry
- Hardening and heat treating industry
- Metalwork and engineering industry when:
 - Turning
 - Cutting
 - Milling
 - Grinding
 - Drilling

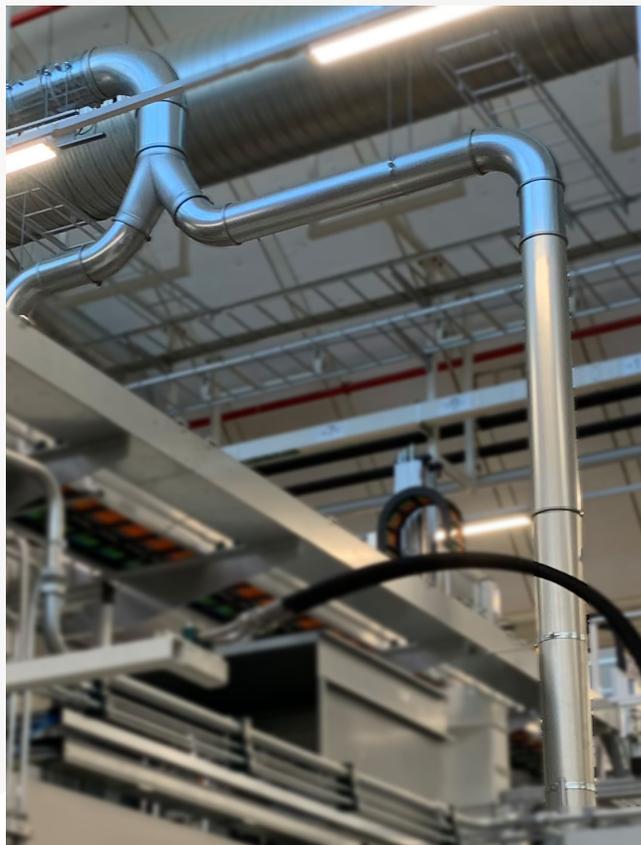
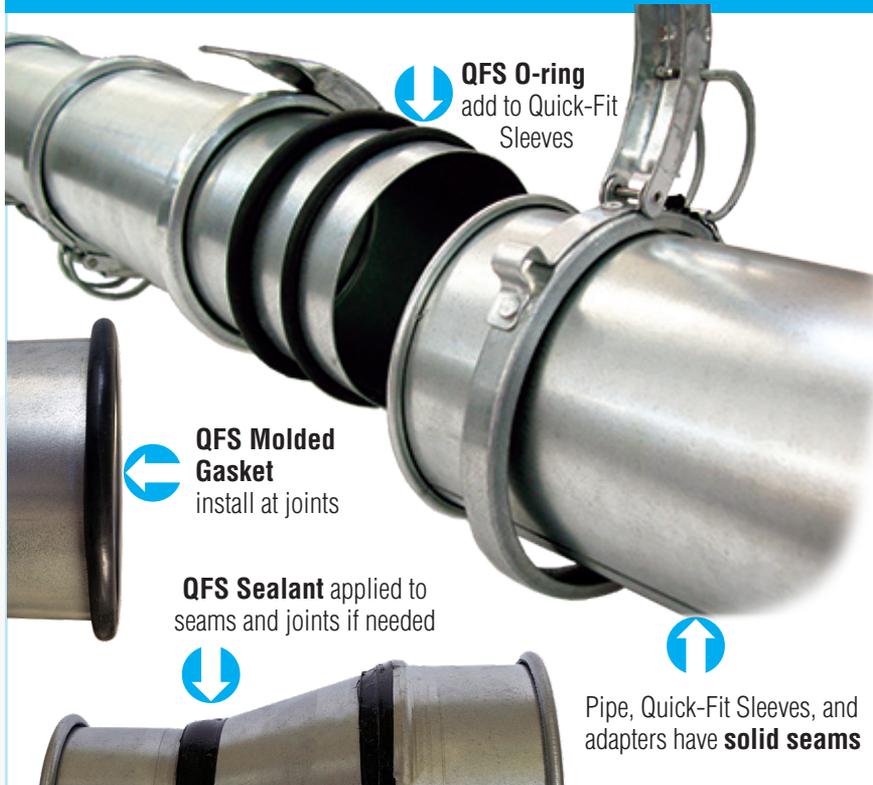
Advantages of QFS Ducting

- Quick-Fit® ducting allows fast installation with no special tools
- Laser welded pipe has a smoother surface and enhanced leak resistance
- Reduces sources of leakage, decreasing risks from slippery floors and other surfaces
- Easy to extend or take apart completely for cleaning, reconfiguring or relocation
- Full range of accessories and installation components
- Adapters available to connect to and extend other duct systems
- All you need from one comprehensive, tried and tested range of ductwork
- Stainless steel also available



QFS Ducting installed on machines in automotive parts manufacturing facilities

QFS Sealed Duct System Components



QUICK INSTALLATION GASKET

- Easy to install
- No adhesive needed, fits snugly around rolled edge
- Non-directional
- Fewer sizes required
- Same conductive nitrile material (no material change from previous design)
- NEW! Now available in silicone material



HIGHLY SUPERIOR QFS SEALANT

- More durable, marine grade with improved UV exposure performance
- Faster drying

Nordfab Oil Mist Recycler

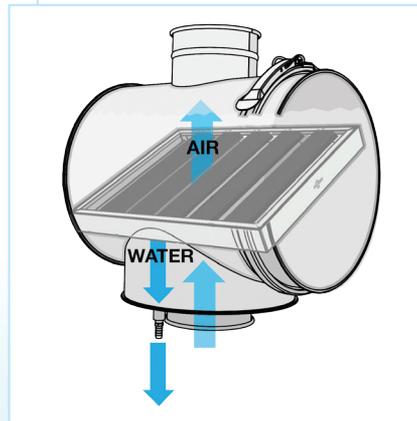
Nordfab's Oil Mist Recycler can extend filter media life, reduce maintenance costs, and decrease issues caused by capturing and transporting large volumes of liquids to the collector.

The idea for the Oil Mist Recycler is simple – capture most of the mist near the pick-up point and return it to the machine. The Oil Mist Recycler houses a removable, industry-standard impingement baffle. This baffle acts as a system prefilter and mechanically extracts droplets and mist from the airstream.

Liquid collected in the Oil Mist Recycler drains into a sump and is returned to the machine via a drain port. The Oil Mist Recycler comes standard with two drain taps so that it can be mounted either horizontally or vertically.

Advantages

- Longer filter media life in the system's ESP or Mist Collector
- Reduced chance of system leaks
- Easy to clean and maintain without tools
- Can be mounted horizontally or vertically
- Installs in seconds with standard QF Clamp
- Standard design eliminates the need for specially fabricated baffle



All Nordfab Quick-Fit® products are produced in an ISO-certified and process-oriented manufacturing environment.



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Made in the USA 

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