



## Lydall Filtration has a passion for performance.

So do our customers. They challenge us every day to develop custom filtration solutions that are more effective, efficient and economical.

As innovators, it drives us to constantly ask ourselves, "What if...?"

#### What if...

Your media supplier could provide the confidence of superior technology, increasing the performance of your filters and reducing your customer's operating costs?

# What if... Your media supplier was a partner you could trust, working side-by-side to improve the effectiveness of your supply chain, reduce working capital requirements and improve your return on investment? Passion for Performance



# **LydAir®**

Lydall's wet laid Microfiberglass, Meltblown Polypropylene and Synthetic Composite media are engineered to maximize filtration efficiency while minimizing clean air system operating costs. Manufactured to the strictest of quality and performance standards, LydAir® Air Filtration Media continually set the standard to which other filter media are compared.

#### Available Technologies:

- Microglass
- Carbon
- Cellulose
- Polyester
- Polypropylene
- Bi-component (PE/PET)
- Ceramic
- Other Specialty Fibers

## **LydAir® MG**

Produced via a wet laid process and sold as rolled goods to filter manufacturers, LydAir®MG filter media is demanded throughout the world. Comprised primarily of glass microfibers, LydAir® MG provides the reliable and guaranteed performance only achieved through mechanical filtration. LydAir® MG is available for requirements that range from low efficiency ASHRAE, to the highest HEPA and ULPA performance demands.

LydAir® MG may be laminated to a wide range of substrates for applications requiring increased physical strength and durability or to provide a unique composite design.

### LydAir® MB

Comprised of 100% polypropylene, LydAir® MB provides high efficiency and dust holding capacity while minimizing airflow resistance. Available in efficiencies from MERV 9/F5 to MERV 15/F9, it is engineered for consistent processing and performance in stitched or ultrasonically sealed pocket and pleated designs.

# LydAir® sc

Engineered to provide superior processing on existing pleating equipment, LydAir® SC is highly uniform and durable. Its patented gradient density design combines high efficiency and dust holding capacity with low airflow resistance. Available in 100% synthetic and synthetic glass compositions, LydAir® SC is available in a wide range of efficiencies to meet your air filtration requirements.

#### Composite Structures:

Our capabilities include multiple processes to form multi-layered filtration structures. Efficiency and dust holding filter layers can be combined, and reinforcing scrims can be added for strength and protection.

- Lamination
- Collating
- Calendaring

# LydAir®

# Commercial/Industrial/ Institutional HVAC

Designed to offer the highest efficiency available at the lowest resistance to air flow, LydAir® is chosen for applications where guaranteed performance is a must and where reduced energy costs can provide a distinguishable competitive advantage.

- Airports
- Hospitals
- Manufacturing Facilities
- Office Buildings
- Schools, Museums, Libraries

#### **Clean-Space Filtration Products**

Whether your **customer's** challenge is employee safety, environmental protection or product quality guarantee, Lydall's Clean-Space Air Filtration Media provide the highest performance levels for the most demanding contamination control applications.

- Biological Safety Cabinets
- Cabin Air
- Clean Rooms
- Food and Beverage Facilities
- Isolation Rooms
- Micro & Mini-Environments
- Pharmaceutical Manufacturing
- Semiconductor Manufacturing

#### **Residential/Consumer**

Public awareness of the potential health effects associated with airborne particles continues to push the demand for effective filtration solutions. Lydall's line of Residential / Consumer Filtration media are designed to offer high efficiency at low air flow resistance while maximizing dust-holding capacity.

- Personal Respirators
- Residential HVAC
- Room Air Purifiers
- Vacuum Exhaust Filters

#### **Power Generation**

Power Generation applications require specialized filtration solutions. Whether it's maximizing the operating profit of a Gas Turbine System or meeting the stringent certification requirements of the Nuclear Industry, Lydall can provide the most advanced media solutions available.

- Gas Turbine
- Nuclear

#### **Industrial Process**

Lydall's Air Filter media are used extensively for the safe removal of the high quantities and vast types of air pollutants produced by many Industrial Processes.

- Metal Working
- Paint Spray Booth
- Pharmaceutical and Food Processing