

SOLUTIONS FOR PFAS

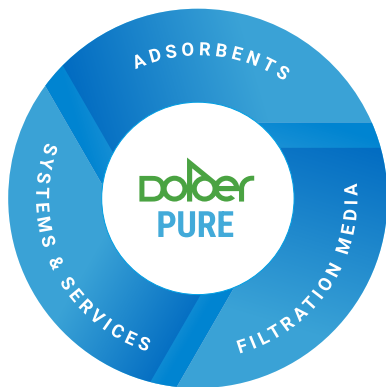
**Customized filtration and purification solutions, addressing
regulatory and safety needs across various industries**

SOLUTIONS FOR PFAS

www.dolder.com/pure

FOR OUR GENERATION AND FOR THE FOLLOWING ONES

DOLDER® PURE is a specialized division of the Dolder Group, focused on innovative, high-performance purification and filtration solutions. We offer a comprehensive portfolio across four key areas:



PURE MATERIALS

PURE SYSTEMS

PURE SERVICES

PURE ANALYTICS



PURE MATERIALS: A WIDE RANGE OF HIGH-QUALITY FILTRATION MEDIA

Our advanced filtration solutions are engineered to effectively eliminate a wide range of gas and air contaminants. The following table provides an overview of our filtration media.

	PRODUCTS	APPLICATIONS
MECHANICAL / PHYSICAL SEPARATION	Demister, structured or random packing	Removal of mist and condensates, dust, smoke, pollen, particles - not gases.
	Fibrous media, HEPA/ULPA filter	
ABSORPTION CHEMISORPTION CATALYTIC SEPARATION	Activated carbon in various forms: Granular (GAC), powdered (PAC), pelletized, fibrous (woven/non-woven), foam, honeycomb	Odor control: Removal of H ₂ S, mercaptans, ammonia and organic odour emissions
	Potassium & sodium permanganate impregnated media	VOC (Volatile Organic Compounds): Removal- toluene, xylene, acetone, alcohols, etc.
	Molecular sieves: Zeolite, activated alumina, silica gel, carbon molecular sieve	Acid gas & corrosive gas removal: HCl, HF, HBr, Cl ₂ , NO _x , SO _x , CO _x , etc.
	Ceramic composite materials	Biogas & landfill gas upgrading
	Metal organic framework (MOF) and advanced catalysts	Heavy metals removal
		Moisture
		Specialty gas separation: Nitrogen, CO ₂



PURE

PURE SYSTEMS: PURCHASE AND RENTAL OPTIONS FOR FILTER VESSELS

Whether for short-term remediation or permanent installations, our systems are delivered and supported by expert service, media management, and sustainability-focused reactivation programs.

READY TO CONNECT GAS ADSORBER

Gas adsorber series is designed to purify gas and air streams as standalone or a polishing step. They target pollutants that are in gaseous form - not dust or particles.

MATERIALS

Carbon steel, stainless steel, plastic particles.

SIZES

Various sizes from 0.2 to 30 m³.

SUPPORT FOR CUSTOMIZATION

Size, capacity, connection type, flow rate, operating pressure, coating – as per your application.

APPLICATIONS

- Odour control
- VOC removal
- Corrosion control
- Biogas & landfill gas
- Industrial emissions control



COMPLETE AIR PURIFICATION SYSTEM

This equipment line is a completely engineered air purification system that combines pre-filtration, gas filtration, final filtration, with integrated fans/blowers.

MATERIALS

Aluminium; stainless steel, plastic (depending on model and corrosion resistance needs).

SIZES

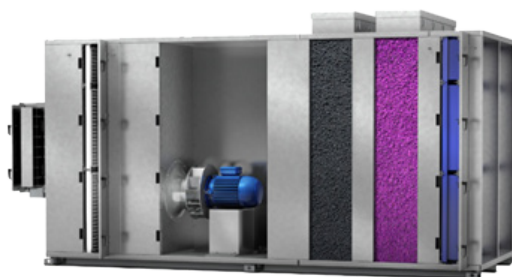
A full range of sizes .

SUPPORT FOR CUSTOMIZATION

Size, capacity, inlet/outlet connection type, flow rate, fan/blower type-static pressure, and energy efficiency, accessories, online monitoring – as per your application.

APPLICATIONS

- Odour control
- Corrosion control
- Toxic gas removals



BIO ADSORBERS

Bio adsorber series (bio-trickling filters) are a sustainable, cost-effective solution for treating bio-degradable gaseous impurities, with integrated fans/blowers and chemical-free design.

MATERIALS

Casing vessel and biofilm support materials made of plastic.

SUPPORT FOR CUSTOMIZATION

Airflow, nutrient dosing, recirculation system, and footprint - as per your application .

APPLICATIONS

- Municipal & industrial wastewater treatment plants
- Composting facilities
- Food processing
- Chemical & petrochemical industries
- Landfills & biogas plants

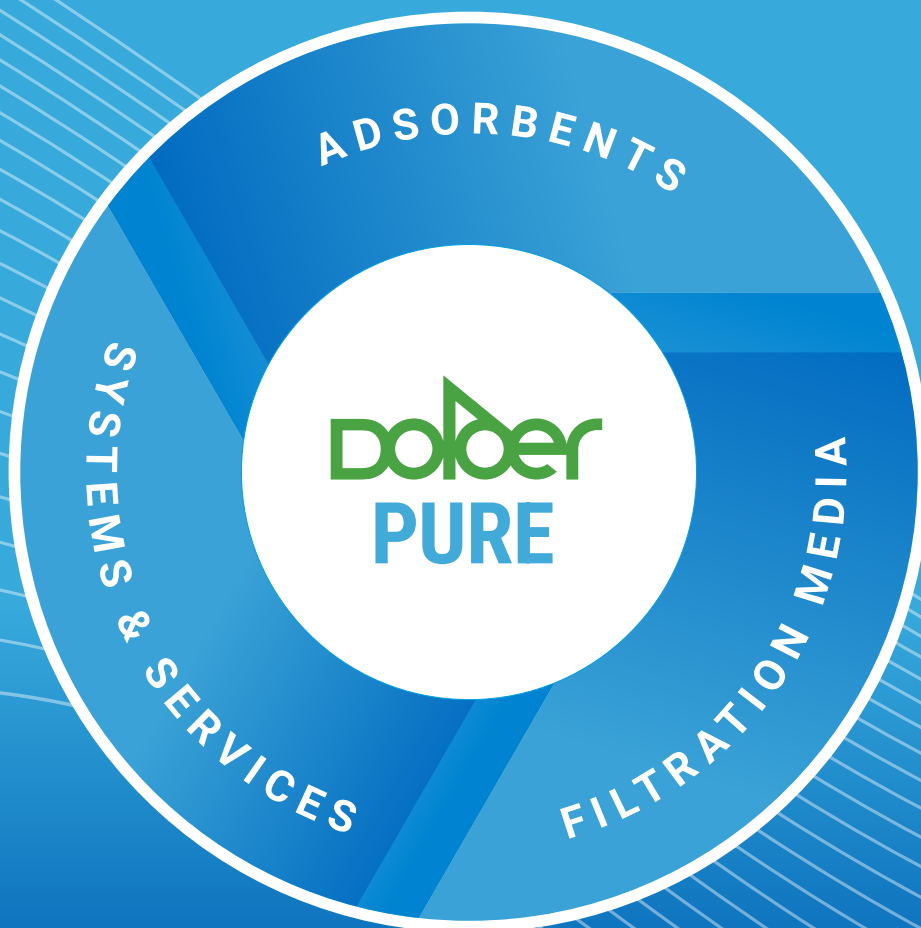


PURE SERVICES: COMPREHENSIVE SUPPORT AND MAINTENANCE SOLUTIONS

- Media exchange (hazardous, ATEX etc...)
- Adsorber exchange (plug & play system)
- Remediation
- Media recycling/reactivation
- Hazardous transport (UN)
- Transport pallets, silo, container
- Reactor cleaning (up to 2500bar)
- Packaging, repackaging
- System commissioning
- Customized services
- Training
- Maintenance

PURE ANALYTICS: EXPERT TESTING AND MONITORING FOR ASSURED PURITY

Upon request, DOLDER® PURE offers testing and analysis services to assess the remaining service life of filters—primarily those containing activated carbon, as well as other filtration media from our portfolio – providing a clear evaluation of the filter media's current condition and capacity.



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