

LIQUID PURIFICATION

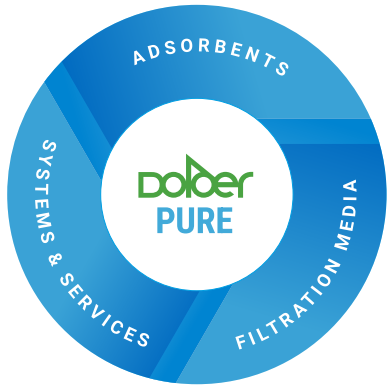
**Customized filtration and purification solutions, addressing
regulatory and safety needs across various industries**

LIQUID PURIFICATION

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

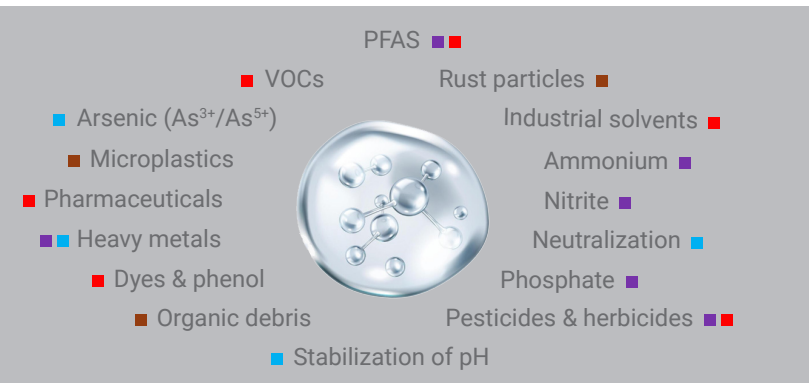
PURE SYSTEMS

PURE SERVICES

PURE ANALYTICS

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

Our advanced filtration solutions are designed to efficiently remove a broad spectrum of water contaminants. From large, suspended solids, to complex dissolved organic and inorganic pollutants such as PFAS, pharmaceuticals, heavy metals, etc. We offer a tailored approach using high-performance media. This includes materials like activated carbon, ion exchange resins, zeolites, limestone, etc. - each selected based on the specific treatment goal.



POLLUTANTS IN SOLUTION (DISSOLVED)		
SUSPENDED SOLIDS / PARTICULATE (NON-DISSOLVED)	ORGANIC POLLUTANTS (E.G., HYDROCARBONS, DYES, PHARMACEUTICALS)	INORGANIC POLLUTANTS (E.G., HEAVY METALS, NITRATES, PHOSPHATES)
■ Quartz, silica, glass sand	■ Activated Carbon	■ Manganese dioxide & ferric oxide / hydroxide
■ Anthracite	■ Bleaching Earth	■ Bio-ceramic
■ Pumice	■ Ion exchange resins & fibers	■ Ion exchange resins & fibers
■ Natural zeolite		■ Natural & modified zeolites
■ FILTRALITE®		■ Micronized lime in suspension
■ Flocculants		■ Terrestrial limestone
■ (Defoamers)		■ Marine limestone
		■ Semi-charred dolomite

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.

ADSORBER FILTERS

APPLICATIONS

Removal of organic and inorganic contaminants from liquids, including industrial process water, groundwater, surface water, and wastewater.

MATERIALS

Carbon steel, stainless steel, plastic.

SIZES

Various sizes from L/h to several m₃/h.

SUPPORT FOR CUSTOMIZATION

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



DOSING SYSTEM

Dry powder dosing & feeding systems. Slurry/slaked lime dosing systems.

PURE SERVICES: COMPREHENSIVE SUPPORT AND MAINTENANCE SOLUTIONS

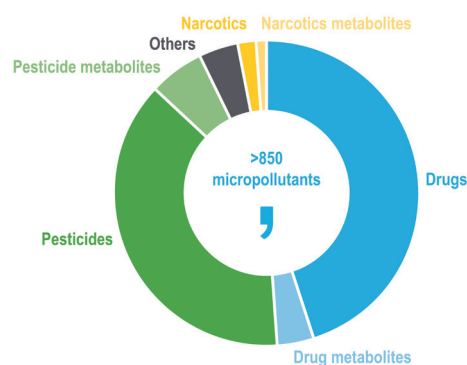


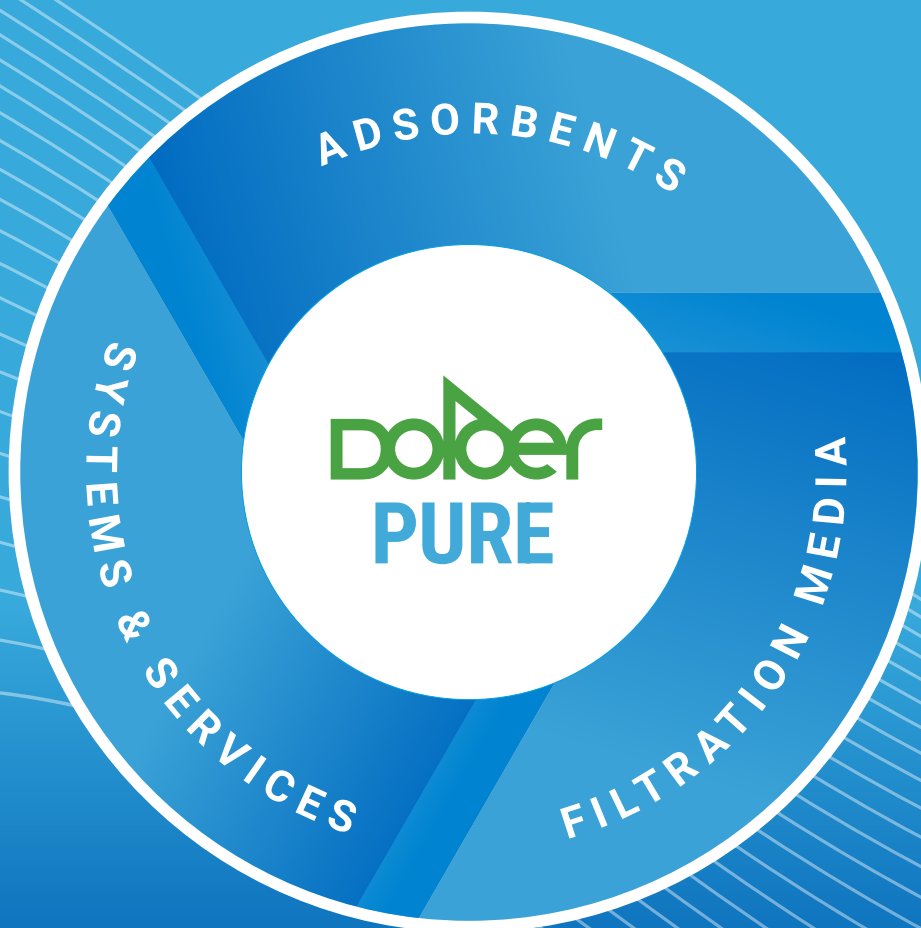
- Adsorber exchange (plug & play system)
- Customized services
- Hazardous transport (UN)
- Maintenance
- Media exchange (hazardous, ATEX etc.)
- Media recycling or reactivation
- Packaging, repackaging
- Reactor cleaning (up to 2500bar)
- Remediation
- System commissioning
- Training
- Transport pallets,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

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.

A new range of advanced water analysis solutions, leveraging innovative techniques to detect and quantify over 850 micropollutants. These analyses enable a precise assessment of water composition, allowing us to recommend the most effective filtration media tailored to each specific case.





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