



Atlas Copco

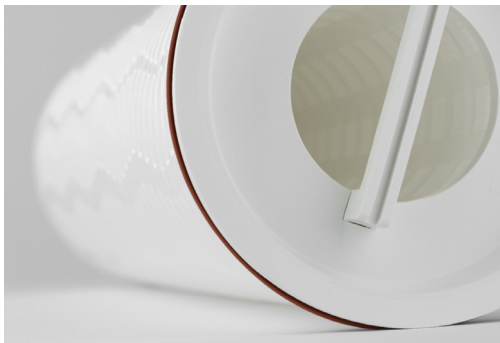


Atlas Copco Process Filtration Capabilities

Your Trusted Partner for Process Filtration Services and Parts

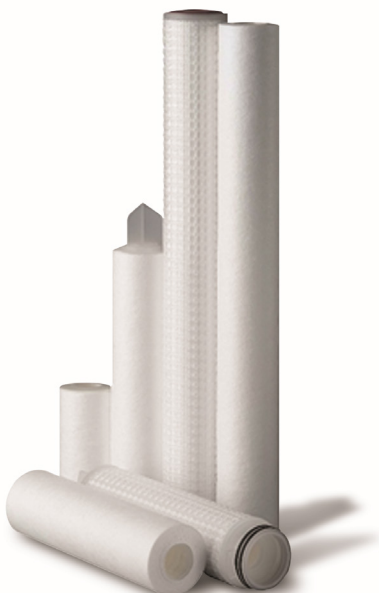
Ensuring Purity, Safety, and Quality Across Many Industries

Atlas Copco's process filtration portfolio includes bags, capsules, cartridges and housings that support the requirements of gas and liquid filtration systems, from raw materials and utilities, up to the final product. All components meet EU and US requirements for use in contact with food, ensuring the purity, safety and quality of products.



Pleated Fibre Filter Cartridges

Atlas Copco offers an extensive range of pleated fiber filter cartridges designed for reliable and efficient filtration with maximum service life. These filters are ideal for applications in the food and beverage, pharmaceutical, and chemical industries. Constructed from polypropylene, they provide broad chemical compatibility and can be chemically regenerated. The filters are manufactured to ISO 9001 standards and comply with EU and FDA regulations, ensuring high quality and safety. With features like high flow rates, low-pressure drops, and excellent dirt-holding capacity, these filters are perfect for various applications, including particle removal from solvents, paints, and process water.

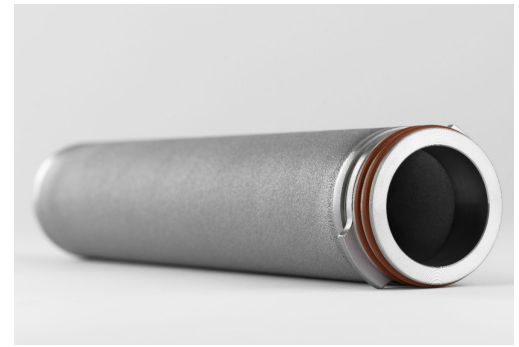


Melt Blown Filter Cartridges

Atlas Copco offers a comprehensive range of melt-blown filter cartridges designed for reliable and efficient filtration across various industries, including food and beverage, pharmaceutical, and chemical sectors. These filters feature a fine fibre matrix for superior particle retention, ensuring effective depth filtration. They comply with ISO 9001 standards and EU Regulation No. 1935/2004, and meet FDA Title 21 and USP Class VI requirements, providing complete batch traceability. Key benefits include high flow rates, low-pressure drops, and wide chemical compatibility, making them ideal for diverse applications from potable water pre-filtration to reverse osmosis membrane protection.

Stainless Steel Filter Cartridges

Atlas Copco offers a comprehensive range of high-quality stainless steel filter cartridges designed for demanding applications in the food and beverage, pharmaceutical, and industrial sectors. Our sintered and pleated stainless steel filters provide robust mechanical strength, corrosion resistance, and thermal stability, making them ideal for filtration in aggressive fluid environments and high-temperature conditions. These filters ensure high flow rates, low-pressure drops, and efficient particle capture, adhering to ISO 9001 standards and complying with EU Regulation No. 1935/2004 and FDA Title 21. With features like ultrasonic bath regeneration and wide chemical compatibility, our filters guarantee reliable performance and extended service life, ensuring the integrity of your processes.



Activated Carbon Filter Cartridges

Atlas Copco's activated carbon filter cartridges are engineered for reliable and efficient filtration in demanding applications across the food and beverage, pharmaceutical, and chemical industries. These filters excel in removing non-physical contaminants, such as chlorine and volatile organic compounds, from both liquid and gas flows. Our filters offer superior chlorine reduction capacity and extended service life, thanks to their high surface area and durable materials. Manufactured in compliance with ISO 9001 standards and adhering to EU Regulation No. 1935/2004 and FDA Title 21, our activated carbon filters ensure high performance and safety. Key features include wide chemical compatibility, low-pressure drop, and high flow rates, making them ideal for critical filtration needs.



Pleated Membrane Filter Cartridges

Atlas Copco's pleated membrane filter cartridges are designed for high-efficiency filtration in the food and beverage, pharmaceutical, and chemical industries. These filters offer consistent media and construction materials, ensuring seamless scalability from laboratory to production-scale applications. Manufactured using advanced thermal welding techniques, they provide robust device integrity and compatibility with a wide range of solvents, acids, and bases. Our filters feature chemically resistant polypropylene for regeneration and minimal extractables, adhering to ISO 9001 standards and complying with EU Regulation No. 1935/2004 and FDA Title 21. Key benefits include high flow rates, low-pressure drops, and wide chemical compatibility, making them ideal for critical filtration needs.



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www.atlascopco.com/en-uk/compressors/products/process-filtration





Filter Housings

Atlas Copco offers a versatile range of filter housings designed to meet the stringent requirements of various industries, including food and beverage, pharmaceutical, and industrial applications. Our filter housings are constructed from high-quality 304 and 316 stainless steel, ensuring durability and corrosion resistance. They are engineered for optimal flow and minimal pressure drop, supporting both sanitary and industrial filtration needs. Key features include compatibility with SIP/CIP processes, hygienic design for easy cleaning, and compliance with ISO 9001 standards, EU Regulation No. 1935/2004, and FDA Title 21. Whether you need to filter air, gas, liquid, or steam, our filter housings provide reliable performance and enhanced process integrity.



Filter Bags

Atlas Copco's liquid filter bags are expertly designed for efficient contaminant retention across a variety of industries, including food and beverage, industrial, and chemical sectors. Our filter bags are available in multiple materials such as polypropylene, polyester, and nylon, ensuring compatibility with a wide range of applications. They feature precise micron ratings, high solid holding capacity, and options for sewn or welded seams to prevent bypass. Manufactured in compliance with ISO 9001 standards and adhering to EU Regulation No. 1935/2004 and FDA Title 21, these filter bags guarantee reliable performance and safety. Key benefits include high flow rates, low-pressure drops, and extended service life, making them ideal for both pre-filtration and final filtration needs.



Filter Capsules

Atlas Copco's filter capsules are designed for efficient and reliable filtration in the food and beverage, pharmaceutical, and chemical industries. These ready-to-use, disposable filters feature pleated media housed in durable polypropylene, offering high flow rates and low-pressure drops. Available in various grades, including sterilizing for liquid and gas applications, they ensure effective removal of microorganisms and particles. Our filter capsules comply with ISO 9001 standards and meet EU Regulation No. 1935/2004 and FDA Title 21 requirements, guaranteeing safety and performance. Key benefits include wide chemical compatibility, ease of installation, and elimination of cleaning validation requirements, making them ideal for critical filtration processes.



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