

REDUCING DEHP EXPOSURE FROM MEDICAL DEVICES



Explore AirLife® Products That Are Made Without DEHP

WHAT IS DEHP?

DEHP is a type of plasticizer commonly added to a variety of products, including medical devices. Plasticizers are additives that enhance the flexibility, durability, and performance of various plastic materials, such as polyvinyl chloride (PVC).

WHAT ARE THE DANGERS OF DEHP?

When used as plasticizers, phthalates bind to polymers temporarily. Over time, phthalates migrate out of the plastic and leach into materials they are in contact with.

During clinical treatment, patients can be exposed to phthalates through ingestion, inhalation, dermal absorption, etc. from the use of medical devices containing DEHP. DEHP can affect a wide range of bodily systems such as (but not limited to) reproductive, metabolic, pulmonary, renal, and cardiovascular function, leading to potential long-term health issues.

AIRLIFE'S COMMITMENT

AirLife is committed to providing quality products to hospitals interested in reducing or eliminating the presence of DEHP in their facilities.

As one of the leading manufacturers of breathing products, AirLife® is dedicated to innovating and manufacturing products with the patient's comfort and safety in mind.

Reach out to your AirLife sales representative for a comprehensive list of available products made without DEHP.



References

Wang W, Kannan K. Leaching of Phthalates from Medical Supplies and Their Implications for Exposure. *Environ Sci Technol*. 2023 May 23;57(20):7675-7683. doi: 10.1021/acs.est.2c09182. Epub 2023 May 8. PMID: 37154399; PMCID: PMC10210534.

Šimunović A, Tomić S, Kranjčec K. Medical devices as a source of phthalate exposure: a review of current knowledge and alternative solutions. *Arh Hig Rada Toksikol*. 2022 Sep 30;73(3):179-190. doi: 10.2478/aiht-2022-73-3639. PMID: 36226817; PMCID: PMC9837533.

Anesthesia Masks



SuperNO₂VA® Nasal PAP Mask

Medication Delivery



NebuTech® Nebulizer

Closed Suction



Ballard™ Closed Suction System

Airways



Air-Q®3 Supraglottic Airway



Nasopharyngeal Latex Free Robertazzi Airway

Oxygen Delivery



AirLife® Open Oxygen Mask

Capnography



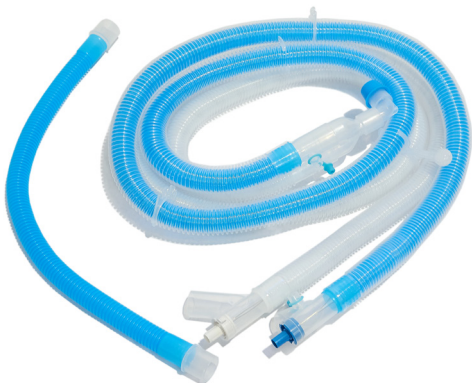
Salter Labs® EtCO₂/O₂ Filtered Capnography Cannula

Filtration



Ventlab™ Hygroscopic Condenser Humidifier with Filter

Humidification



AirLife DuoTherm® Humidification System



Sterile Water For Inhalation, Flexible Hanging Container



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