

Disposable Hydrophilic Suction Filter

DESCRIPTION & APPLICATION

The Ohio Medical Hydrophilic Disposable Suction Filter is a high efficiency, high flow bacterial filter for use with all reusable, disposable, portable and central piped vacuum systems.

The filter is designed to help reduce risks from contamination for hospital patients as well as for hospital personnel that handle potentially hazardous fluids. It helps reduce equipment malfunction and downtime caused by the accumulation of aerosolized aspirate, usually present during hospital suctioning procedures.

It is also effective in collecting lint and other particles from the air, keeping suctioning equipment, wall outlets and pipelines systems cleaner.

The highly efficient bacterial filter features a specialized high-flow media that resists reduction of flow rates with increased humidity and withstands extremes in temperature and humidity. The filter will maintain high flow rates and efficiency up to the point where fluid passes through the media. The filter media is housed in a clear, break-resistant polypropylene casing.

It is recommended that the filter should be changed at least every 8 to 12 hours, ideally between each hospital shift, and in all circumstances between use on patients, along with suction bottles and tubing.



Disposable Hydrophilic Suction Filter

Package of 20 filters	6730-0350-800
Package of 200 filters	6730-0351-800

PURCHASING SPECIFICATIONS

The Ohio Medical Disposable Suction Filter contains a PTFE filter media permanently housed in a break-resistant polypropylene casing attached to a 2" long suction tubing. The Filter media resists degradation over time.

The filter is for single-patient use only.

TECHNICAL SPECIFICATIONS*

Efficiency	99.8% with particle challenge range of 0.3 to 10 microns (mean 3 microns) @ 28.3 L/min per MIL-M-36954C, Chapter 4.4.1.1.1 using Staphylococcus Aureus bacteria (mean particle size 1 micron) and using bacteriophage PHI x 174 virus (mean particle size 0.027 micron). Humidity tests have shown only a very small decrease in efficiency, about 1% over 24 hours @ 100% R.H.
Pressure Drop	Less than 12 mmHg @ 20 L/min
Flow Rates	Flow rates greater than 80 L/min are achievable @ 650 mmHg static source vacuum and 120 L/min source flow based on a sample of filters tested in the lab.
Method of Filtration	Electrostatic attraction; Torturous path; Depth
Shelf Life	3 years from date of manufacture
Dimensions	3.5" L x 1.45" W (8.9 x 3.7 cm)

* Specifications are nominal, subject to change without notice.

SHIPPING INFORMATION

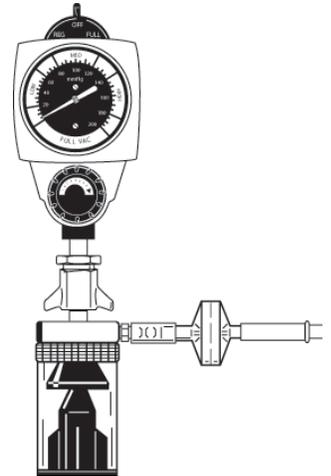
Package of 20 filters	6730-0350-800
Net Shipping Weight	10 oz. (0.3 Kg)
Overall Dimensions	4.5" H x 7.3" W x 5" D (11.4 x 18.5 x 12.7 cm)
Package of 200 filters	6730-0351-800
Net Shipping Weight	4.7 lb (2.1 Kg)
Overall Dimensions	8.75" H x 12" W x 6.65" D (22.2 x 30.5 x 16.9 cm)

RECOMMENDED APPLICATIONS

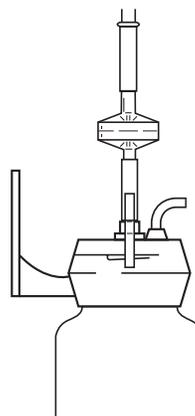
Disposable Suction Filter on Tubing Nipple of Regulator



Disposable Suction Filter on Tubing Nipple of Overflow Safety Trap



Disposable Suction Filter on Vacuum part of reusable Collection Bottle



Disposable Suction Filter on Vacuum part of disposable Suction Canister

