

# ProShield® Super Fog Fluid Resistant

## Description

This mask is suitable for clinicians who wear glasses/goggles during surgical procedures, including those procedures where there is a risk of exposure to body and blood fluids.

## Features and Benefits

- Fluid resistance (120mmHg/16.0kPa)
- Submicron filtration
- Triple pleat design for easy breathing
- Comfortable hypoallergenic inner liner
- Soft and durable ties



## **Bacterial Filtration Efficiency (BFE)**

With a Bacterial Filtration Efficiency (BFE) of greater than 99% for media greater than 3 microns, this mask provides superior protection from potential infection.

- BFE is an independent test conducted by Nelson Laboratories that measures the effectiveness of face mask materials to filter out bacteria.

## **Particulate Filtration Efficiency (PFE)**

The super high Particulate Filtration Efficiency (PFE) material filters >99% of particles greater than 0.1 microns. When securely fitted, the mask helps to provide an effective barrier to particulate matter from laser plumes and electrocautery procedures.

- PFE measures effectiveness of the mask material to filter particulate matter.

## **Breathability (Delta P)**

The mask design provides excellent breathability and low delta P ( $\leq 1.8$ ) ensuring coolness and comfort even when worn for an extended period.

- Delta P, also conducted by Nelson Laboratories, is a test that measures the breathability of mask materials, ranking masks on comfort and coolness for the surgical mask wearer. The lower the figure, the cooler and more comfortable the mask.

## **Splash Resistance**

The fluid resistant qualities of the mask provide protection against fluid (120mmHg/16.0kPa) strikethrough.

- Splash resistance is measured in accordance with ASTM F1862-98 & ASTM F1862-00a standard test method for resistance of medical face masks to penetration by synthetic blood at 16.0kPa pressure.



## **Medical and Surgical Requisites Pty Ltd**

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