

# ELIPSE® HALF-FACE MASK with HESPA® + P100 Filters



**FILTER TECHNOLOGY**

## APPLICATION

Removal of dust particles, metal fumes, mists, and vapours.

## FILTER TYPE/GRADE

HESPA+ P100 \* >99.995%

## FILTER CONSTRUCTION

Low profile design, close-pleated composite HESPA® media, encapsulated with TPE, flexible frame easy to affix securely to mask.

## MASK CONSTRUCTION

Mask: Blue TPE (thermoplastic elastomer), latex & silicone free, odour-free, non-allergenic material.

## WEIGHT

Mask + Filters: 4.65oz

## SHELF LIFE

5 years (mask & filters) See storage conditions on Instructions for Use and MSDS.

## FILTER LIFE IN USE

>8 hours, re-usable

## SAFETY FEATURES

Large non-return exhaust valve to reduce risk of wearer fatigue.

Low profile design HESPA® + filters offering wide field of vision.

4-point adjustable light weight head strap to ensure comfort and secure fit during use.

\* The Eclipse P100 respirator has met the requirements of 42CFR84 (Code of Federal Regulations). NIOSH Approval number: TC-84A-5395

## PERFORMANCE DETAIL WITH HESPA®+ P100 FILTERS

(HESPA® – High Efficiency Synthetic Particulate Air filter)

TESTS CONDUCTED BY NIOSH	P100 NIOSH TEST LEVELS	ELIPSE P100 PERFORMANCE
Exhalation Resistance Maximum Allowable Resistance (MM of H2O)	25	16.3
Inhalation Resistance Maximum Allowable Resistance (MM of H2O)	35	As low as 22.9
Exhalation Valve Leakage Maximum Allowable (mL/min)	30	As little as 4.22
DOP (filter efficiency): INITIAL Maximum Allowable % Leakage FINAL Maximum Allowable % Leakage	0.03% 0.03%	0.001% 0.005%
DOP (filter efficiency): INITIAL Filter Efficiency FINAL Filter Efficiency	99.97% 99.97%	99.999% 99.995%

### Dimensions

Filter: 0.47" x 3.7" x 1.97" (widest point)

Mask: 3.66" x 5.04 " x 4.33" (widest point)

### Weight:

Ultra Low-weight HESPA® + Filters Only: 0.60 oz each

Low-weight Elipse® mask: 3.44 oz



HESPA® + filter,  
Ultra low profile  
design, depth of  
visual filter on the  
mask : 0.19"



Large non-return  
exhaust valve.

Elasticated 4 point  
adjustable head and  
neck strap, secure &  
stable fit in use.



HESPA® and Elipse® are trademarks of GVS. The pleat encapsulation filter technology used in this face mask is patented.

**TECHNICAL DATA SHEET**

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**ELIPSE® P100 FACEMASK**

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