

INTRODUCING THE BIOSHIELD™ FULL HOOD MISSION CRITICAL PROTECTION FOR DEMANDING APPLICATIONS



DOUBLE SKIRTED PROTECTION WITH SEWN AND TAPED SEAMS

Designed in collaboration with leading healthcare organizations to meet their specific respiratory protection needs for Ebola protection – The BioShield™ Full Hood from ILC Dover.

BENEFITS OF THE BIOSHIELD FULL HOOD

- Protection Factor: 1,000
- Offers 100x protection over N95's
- No fit testing required
- Taped seam construction
- The protective hood fabric material and taped fabric to fabric seams pass ASTM F 1670-14 and ASTM F 1671-13 tests which are required by the CDC to protect against synthetic blood and blood-borne pathogen penetration.
- Internal and external protective skirt interfaces with most suits
- Excellent hood stability and fit supports a range of operations
- Skirt/exhaust system fully inflates

Sentinel XL® BioShield Full Hood

Better Protection. Better Fit. Better System.

The Sentinel XL® BioShield Full Hood system is an advanced, high- performing PAPR, designed to provide healthcare professionals with superior respiratory protection against a range of infectious diseases.

TECHNICAL SPECIFICATIONS

SENTINEL BLOWER	
Material	Rugged, sealed nylon protective shell, with floating polycarbonate internal blower assembly — dual chamber provides enhanced durability
Weight	1.0 lb (without battery)
Flow Rate	>230 lpm for HP hood systems
Noise Level	<75 dB
Low Voltage Alarm	Flashing LED and buzzer
Cartridge interface	40 mm (military/NATO style) integration with integral blower gaskets
HOOD/BREATHING TUBE	
Configuration/design	Loose-fitting PAPR, requires no fit testing. Internal and external skirt interfaces with most protective suits
Material	Coated, spun bonded polyolefin. This is a latex free product.
Visor	Impact resistant, optical grade polycarbonate
Head Strap	Cushioned — supports a wide range of wearers
Sizing	Single size
Breathing Tube	Polyurethane coating over rigid plastic helix
Assigned Protection Factor	1,000
Seams	S-2028 fabric material and taped fabric to fabric seams pass ASTM F 1670-14 and ASTM F 1671-13 testing (required by the CDC to protect against synthetic blood and blood-borne pathogen penetration)
USP <800> RESPIRATORY PROTECTION	
Filter Compatibility	The Sentinel XL with BioShield hood is NIOSH approved with HE filters and OV/AG/HE filters to provide higher level respiratory protection against hazardous drugs than N95's.
RECHARGEABLE BATTERY PACK*	
Composition	Standard NiMH
Configuration	Sealed external cover with blower connector
Battery mount	Direct snap-on to blower
Weight	1.65 lbs
Nominal Life	8 hours
Charge/Discharge Cycles	Approximately 500
Nominal Recharge Time	5 hours
ALKALINE BATTERY PACK*	
Configuration	Internal receptacles hold D cell batteries with external sealed cover
Battery mount	Direct snap-on to blower
Weight	1.95 lbs
Nominal Life	10 hours (per five Duracell® batteries)
CHARGER	



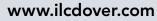
READY TO ORDER OR SCHEDULE A DEMO?

Call your ILC Dover representative today — and be sure to request ILC Dover's Sentinel XL® BioShield Full Hood PAPR for your protection needs.





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AC/DC for sealed NiMH Battery

Auto-switch to trickle charge

2 amps

6 volts

Red/green LED

Type Current

Voltage

Charge type Feedback