



Sentinel XL[®] BioShield Full Hood



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 and taped 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 suit to deliver improved protection and comfort

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 full hood has sewn seams with taped construction — passes ASTM F 1670-14 and ASTM F 1671-13 tests (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.
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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

Type	AC/DC for sealed NiMH Battery
Current	2 amps
Voltage	6 volts
Charge type	Auto-switch to trickle charge
Feedback	Red/green LED

*Optional LiMnO2 Battery Pack Available

Ultra-clear PET visor designed to support Health Care Workers needs

Sewn and taped seams in all exterior locations pass ASTM F 1670-14 and ASTM F 1671-13 testing



PAPR flow venting occurs between the two protective skirts delivering enhanced protection

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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