



CAUTION

Before use, refer to the CAPR® User Instructions, P/N 03521015 (received with all CAPR Helmets) for details.



REF 2281PRS-100

P/N 07631088



Warning, Caution, or Note



Catalog Number



NIOSH Number



WARNING

Use only if package is received unopened and contents are undamaged. If damage is noted, contact the shipper for replacement or repair.

Prior to using any MAXAIR® System or component, be sure to be familiar with the system's NIOSH approved configuration.

DO NOT use if any component is damaged. If any components are damaged or contaminated and therefore unfit for safe and effective use, they should be replaced immediately.

Only trained and experienced personnel who have read and understand the User's Instructions should use this product.

Failure to follow the User's Instructions, these and in the MAXAIR Systems User Instructions, P/N 03521015, may be hazardous to the user's health.

The institution using this product in any application is responsible for determining the appropriateness of this equipment relative to regulatory requirements. Syntech Intl, Inc. does not recommend the appropriate systems for a particular institution or facility.

Use only MAXAIR NIOSH approved respirator configurations.

NOT for use in atmospheres immediately dangerous to life or health (IDLH), and atmospheres containing less than 19.5% oxygen, or more than 25% oxygen.

Flammability Level I: fabric may burn if exposed to open flame.

Follow current local regulations governing biohazard waste to safely dispose of used shrouds.

If you need more information, contact your BMDI Sales Representative, or call customer service at 1-800-443-3842.

Intended Use

The MAXAIR® CAPR® 2281PRS-100 Sterile Hood is for use with the MAXAIR 2084-04 Helmet. This Hood System provides high efficiency particulate filtration performance, 360° Head and Neck contact protection, and outward particulate reduction. Hoods are designed for single use applications.

Typical System Components



1. 2084-04 Helmet with 2071-08 Headband Liner ¹ , 2590-05 Power Cord ² , 2051-08 Cage, and 2099-21 Chinbar ³	2. 2281PRS-100 Hood
3. 2500-36TSC Battery ⁴	4. 2000-76 Battery Belt ⁵
5. 2600-02 Battery Charger	

¹ The 2071-11 is an alternate to the 2071-08.

² The 2590-08 is an alternate to the 2590-05.

³ The 2099-21 Chinbar is an optional accessory shipped with the 2084-04 Helmet.

⁴ The 2500-37TSC is an alternate to the 2500-36TSC.

⁵ The 2000-77 and 2000-78 are alternates to the 2000-76.

⁶ The 3001-01 is an accessory Light.

⁷ The 2400S-208 is an accessory Peel Away Lens.

Recommended System Temperature Limits

Use/ Handling	0°C to 54°C at a maximum 80% Relative Humidity
Charging	0°C to 45°C at a maximum 80% Relative Humidity
Storage	0°C to 35°C at a maximum 80% Relative Humidity

Regulatory

NIOSH PAPR100-N



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Don Battery, Belt, and Helmet



NOTE

For sterile technique, the Helmet, Battery, and Belt are typically donned prior to scrubbing.

The use of a mask respirator prior to fully donning the Hood is a matter of Institutional protocol and may be donned prior to Helmet donning per its manufacturer's instructions.



1. Assemble the Battery onto a double layer of Belt. Place top edge of Belt under the Battery Clip, up to the Clip top, so the Clip Detent rests on the Clip Base and NOT the Belt. Place the belt comfortably around the waist with the battery near the side-back of the right hip.



2. Don Helmet by first loosening Ratchet Knob (CCW) then place Helmet over and down on head. Tighten Ratchet Knob (CW) as tight as comfortable to secure for all activities.



CAUTION

Ensure the front Helmet headband is within about 1/2 inch of the eyebrows so the Safety LEDs are clearly visible in the upper peripheral vision with the Hood donned.



≤1/2 inch

Don Hood



NOTE

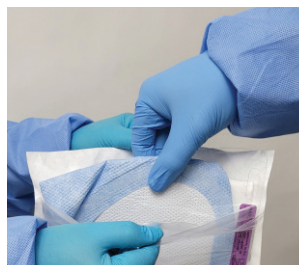
For sterile technique, a Scrub person would perform the following steps that are in front of the scrubbed wearer, while a Circulator person (non-scrubbed) could perform steps to the rear of the scrubbed wearer.



1. Circulator: Connect the Powercord to the Battery.



2. Circulator: Open the sterile pouch without touching inside surfaces; offer widely opened pouch's insides to the Scrub.



3. Scrub: Without touching surfaces of the sterile pouch, grasp the hood and remove it from the sterile pouch.



2

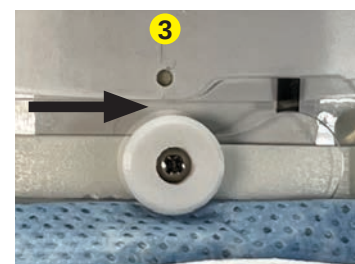
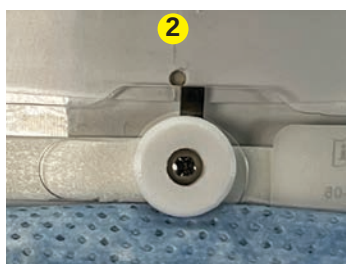
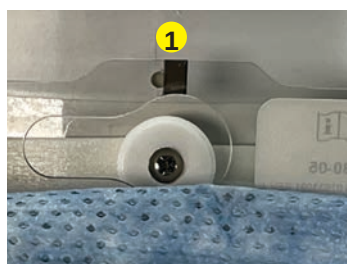


4. Alignment marks for Donning Hood Lens to Helmet Front Mounting Adapter; assistant donning (1), self donning (2).



NOTE

For sterile technique, Helmet Lens mounts are designed so the Hood Lens may be attached without touching the Helmet.



5. Scrub: Attach center Hood-Lens by bowing the Lens sides away from the Helmet: position the Lens center mounting slot large end over the Helmet center mounting adapter (1), place the lens onto and behind the adapter against the foam strip (2), then secure by sliding the Lens slot fully to the side so the small portion of the slot is behind the adapter (3).

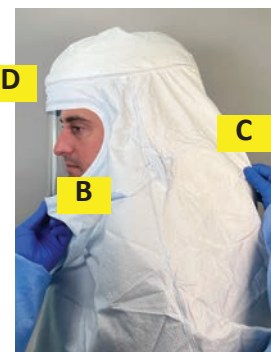
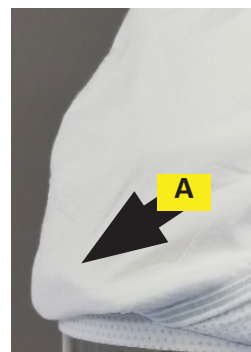


6. Scrub: Attach (snap) the left (wearer's) side Hood-Lens mounting hole to the Helmet side adapter: Place the side Lens slot over top of adapter and tilt lens top towards Helmet to "hook" top of mounting hole over top of side adapter (1), slide Lens slot down to bottom of side adapter and press down and in on lens to "hook" bottom of Lens slot under bottom extension of side adapter to secure Lens to Adapter (2). Repeat this step for the other side adapter.



NOTE

By only grasping the outermost edge of the lens and shroud and only pressing against the lens side that is away from the Helmet, the Scrub should never touch the Helmet.



7. Scrub: From the front, grasp the back bottom of the Hood Shroud and pull the Hood over the top-front of the Helmet.

8. Circulator: Pull the Hood shroud down in back.

9. If Hood Filter is wrinkled in front (A), Scrub: secure the Hood at the Lens bottom (B) while Circulator pulls down firmly just beneath the filter rear bottom (C) until all folds in the filter are removed (D). Ensure the Hood is down, all around.



NOTE

If a mask respirator was donned previously, it should be removed between steps 5. and 6. by the Circulator from the back.



10. Circulator: Pull the NeckTie ends to the back by briskly and quickly pulling the ends to the back.

11. Note the four snap positions on the Necktie. Choose the position that provides the wearer a comfortable fit, ensures the hood is within about an inch of the neck for a good fit, and allows freedom of head movement.

12. Circulator: Snap the left NeckTie end snap into the right Necktie end snap position that makes the best fit (refer to Step 9.)

13. The Hood should be secure.



NOTE

At this point a sterile gown would be donned per the gown manufacturer's User Instructions. The gown would cover the Hood shroud up to the neck-line.

Doff the Hood and Helmet



NOTE

At this point the sterile gown would be doffed per the gown manufacturer's User Instructions.



1. Unsnap the NeckTie, pull it rearwards through its loops and off the Hood, and discard it as contaminated waste.



2. Roll up Hood from Shroud back bottom, up and over to top front of Helmet.



3. Lift out and unsnap each side Lens slot bottom, then lift Lens sides up and off Helmet.



4. Slide Front Lens mounting hole back over Helmet front adapter and lift lens and Hood fully away from Helmet. Continue to roll Hood inside-over-outside until Hood is fully away from body, and discard appropriately as contaminated waste.



5. Loosen the rear Headband Adjustment Knob (turn counterclockwise).



6. Lift Helmet up and off head.

Doff Battery and Belt



1. Unbuckle Belt and remove Battery and Belt from around the waist.



2. Disconnect the Helmet Power Cord from the Battery - Press down on the Secure Lock (Black) Button to release, then pull the cord connector out from the Battery connection receptacle.



3. Connect a powered on Battery Charger connector to the Battery. Push connector into Battery receptacle fully - Do NOT push down on the Battery Secure Lock (Black) button.



WARNING

Refer to User Instructions (P/N 03521015) for details:

- on proper use of chargers and for charging batteries.
- for cleaning and storage.