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| <b>Respirator Type</b>     | Multipurpose hard-shell respirator for use with compressed air, ambient air pumps, or PAPR.  |
| <b>Components</b>          | <ul style="list-style-type: none"><li>• Respirator Helmet and Cape</li><li>• Breathing Tube with Flow Control or PAPR</li></ul>  |
| <b>Approvals</b>           | <ul style="list-style-type: none"><li>• NIOSH Approved Type C, Continuous Flow Class</li><li>• ANSI/ISEA Z89.1, Type I, Class C Head Protection</li><li>• ANSI/ISEA Z87.1, Z87+ High-Impact Face Protection</li><li>• 3rd party verified 1,000 Assigned Protection Factor (APR) unless specified by shroud/cape type</li></ul>   |
| <b>Specific Features</b>   | <ul style="list-style-type: none"><li>• One-piece filtration and CO monitor available for compressed air</li><li>• NIOSH-approved with Hansen, SnapTite, Schrader, Bayonet, and CEJN quick disconnect couplers</li><li>• OSHA compliant</li><li>• Made in the USA</li></ul>  |
| <b>Helmet</b>              | <ul style="list-style-type: none"><li>• Weight: 2.36 pounds (helmet, suspension, and lenses)</li><li>• No fit test required</li><li>• Over the top anti-fogging air distribution</li><li>• Center-mounted breathing tube connection to helmet</li><li>• Lightweight inner shell with adjustable 6-pt. Flex-Gear® ratchet suspension with 1" wide webbing, fits sizes 6.5" - 8"</li><li>• Non-porous shell allows for easy cleaning</li><li>• Replaceable Inner lens made out of PETG</li><li>• Viewable area of approx. 6" wide x 9" tall</li><li>• Replaceable outer lens made from Polycarbonate High Heat blend</li><li>• Outer lens options include clear and welding shades 5 and 10</li><li>• Helmet melting point is 500°F/260°C</li><li>• Helmet heat deflection rating is 275°F/135°C</li><li>• Helmet shell made from a Polycarbonate/Polybutylene Terephthalate blend</li><li>• Optional adhesive-backed Mylar™ Lens Covers</li></ul> |
| <b>Shroud/Cape Options</b> | <ul style="list-style-type: none"><li>• Lightweight FR cape with Coolderm technology</li><li>• Heavy-duty FR cape made from DuPont™ Kevlar®</li><li>• DuPont Tychem 2000</li><li>• DuPont Tychem 4000 with taped seams</li><li>• HEPA material low profile (only 25 APF)</li><li>• FR capes are industrial or machine washable</li></ul>   |
| <b>Climate Control</b>     | <ul style="list-style-type: none"><li>• Optional climate control assembly (HC2400) available to cool or warm incoming air up to 30 degrees. Compressed air only</li><li>• NIOSH-approved CoolTubes capable of supplying cooler air to the worker. Compressed air (AC1000) 32+ degrees of cooling and Free-Air® Pump (Frigitron 2000) 20 degrees of cooling</li><li>• Cool tube constructed of metal</li><li>• NIOSH-approved CoolVest (DC70) available using same airline. Available in two sizes—medium/large or XL/XXL. Compressed air only.</li></ul>   |





# HMX and HMXi Multipurpose Respirator Bid Specifications

## Breathing Tube Assembly with Flow Control Device

- Approved and available with constant flow control device with 1/2" Industrial Interchange (Hansen compatible) quick disconnect coupler for ambient air pumps
- Approved and available with adjustable flow control device with 1/4" quick disconnect coupler for compressed air
  - Industrial Interchange (Hansen Compatible) in steel, brass or stainless steel
  - Snap-Tite in steel, brass or stainless steel
  - Schrader
  - CEJN
  - Bayonet

## Airline Supply Hose

- NIOSH-approved for use with 25-300 feet of airline supply hose depending on your configuration for compressed air
- NIOSH-approved for use with 50-300 feet of airline supply hose for ambient air pumps
- Choice of EPDM-reinforced rubber 3/8" I.D. hose for compressed air or 1/2" ID hose for ambient air pumps
- Manufactured specifically to carry breathing air
- Offers 1/2" industrial interchange (Hansen compatible) nipple for ambient air pumps
- Offers 1/4" approved quick disconnect couplers compatible with breathing tube fittings for compressed air
  - Industrial Interchange (Hansen Compatible) in steel, brass or stainless steel
  - Snap-Tite in steel, brass or stainless steel
  - Schrader
  - CEJN
  - Bayonet

## PAPR

- NIOSH approved with EVA and EVAHL
- For further bid specs information, see the EVA Technical Specs document

## Warranty

One-year unlimited warranty from date of purchase on entire helmet, up to and including shell. Capes, breathing tubes, and other disposable accessories not included.

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