

## **Honeywell North® Air-Fed Suits – MURUROA BP** Integrated Respiratory Protection and Protective Clothing

Honeywell Industrial Safety offers a complete range of air-fed suit products specifically designed to protect workers against hazards in nuclear, chemical, pharmaceutical and biological environments. The complete range of ventilated suits and hoods provides full protection for the worker, while allowing him to move freely. With respiratory protection integrated directly into the protective suit, the Honeywell North Air-Fed suits are the ideal solution for a range of applications.

### **Industries**

- Pharmaceutical
- Chemical

### **Product Use:**

- In areas where the air is polluted with solid particles and whole body protection is required
- Suit specially designed for low pressure breathable air network (BP)

### **For more information**

Technical Service: 800.873.5242

[www.honeywellsafety.com](http://www.honeywellsafety.com)

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#### **CANADA**

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# TECHNICAL INFORMATION

## Technical Description

		<ol style="list-style-type: none"> <li>1. <b>One exhaust valve</b> to operate in low pressure</li> <li>2. <b>Helmet with transparent visor and ultra-visor</b> for enhanced visibility</li> <li>3. <b>Internal airflow distribution system</b> for improved comfort</li> <li>4. <b>Adjustable air flow</b> for easy regulation and comfort</li> <li>5. <b>Orange undressing strip</b> for safer undressing process without contamination risks</li> <li>6. <b>Anti-skid under-foot</b> for no-slip foot control while working</li> <li>7. <b>Double resistant tight closure</b> for easy dressing.</li> <li>8. <b>Overlap on the top of the zipper</b> to secure the closure; quick, safe and simple</li> </ol>
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## Ordering Information

SKU #	Description	UOM	Units per pkg	Case Length (inch)	Case Width (inch)	Case Height (inch)	Case Weight (lbs)
CC8471083	Air Fed suit, MURUROA BP CHALK, incl. 6150B Hansen male plug, Size T03	CS	8	37.40	17.72	9.84	44.09
CC8471084	Air Fed suit, MURUROA BP CHALK, incl. 6150B Hansen male plug, Size T04	CS	8	37.40	17.72	9.84	44.09
CC8471085	Air Fed suit, MURUROA BP CHALK, incl. 6150B Hansen male plug, Size T05	CS	8	37.40	17.72	9.84	44.09
CC8471032	Air Fed suit, MURUROA BP, incl. 6150B Hansen male plug, Size T02	CS	10	37.40	17.72	9.84	44.09
CC8471033	Air Fed suit, MURUROA BP, incl. 6150B Hansen male plug, Size T03	CS	10	37.40	17.72	9.84	44.09
CC8471034	Air Fed suit, MURUROA BP, incl. 6150B Hansen male plug, Size T04	CS	10	37.40	17.72	9.84	44.09
CC8471035	Air Fed suit, MURUROA BP, incl. 6150B Hansen male plug, Size T05	CS	10	37.40	17.72	9.84	44.09
CC8471036	Air Fed suit, MURUROA BP, incl. 6150B Hansen male plug, Size T06	CS	10	37.40	17.72	9.84	44.09
CC8471037	Air Fed suit, MURUROA BP, incl. 6150B Hansen male plug, Size T03XXL	CS	10	37.40	17.72	9.84	44.09
CC8471038	Air Fed suit, MURUROA BP, incl. 6150B Hansen male plug, Size T04XXL	CS	10	37.40	17.72	9.84	44.09
CC8471039	Air Fed suit, MURUROA BP, incl. 6150B Hansen male plug, Size T05XXL	CS	10	37.40	17.72	9.84	44.09

# TECHNICAL INFORMATION

## Product Information

- **Benefits**
  - Easy donning: tight resistant double closure behind the suit
  - Easy and quick doffing: it only takes seconds to take off the suit using the undressing trip which also reduces the risk of contamination
  - High protection factor through its supply breathing air and its magnetic valve: continuous overpressure protection
  - Comfortable: integral air ventilation, low noise level
  - Wide field of vision
  - Flame retardant: MURUROA BP AST is self-extinguishing (M1 certified)
  - Lightweight: <1,8 kg
  - Operates at low pressure and flow (possibility of more operators connected to the same air network)
  - Low air consumption: possibility of more operators connected to the same air network
  - Possibility to take shower: enlarge exhaust valve protection
  - Available with Baston filter (X=2) or without Balston filter (X=3)
- **Uses**
  - Designed for use on low pressure air networks (30 psig - 55 psig), in environments where full body and respiratory protection is required
  - Single-use clothing
  - Applications: radioactive particles, maintenance, pharmaceutical manufacturing, dismantling, asbestos removal, or chemical
- **Features**
  - PF > 50,000
  - Class 5: EN1073-1
  - Air Flow Range: 250 to 850 l/min
  - Durable, natural PVC material is resistant to abrasion, piercing, and tearing; flame retardant
  - Vertical double seal with overlap at the top to secure the closure
  - Patented exhaust with magnetic valve ensures protection for workers to operate in low pressure and enables decontamination procedures
  - PVC gloves welded onto suit
- **Comfort**
  - Complete body air distribution increases comfort with ventilation throughout head, arms and legs
  - Air flow rate can be adjusted individually for personal comfort
- **Options**
  - HEPA filter offers reinforced protection during air supply connections
  - Harness sleeve in front or back of the suit
- **Composition**
  - PVC 20/100 class M1
- **Color**
  - Pink
- **Packaging**
  - Box of 10 suits
- **Limitation of Use**
  - Single use clothing
- **Storage Information**
  - Keep equipment in the original packaging in a cool and dry place, not dusty, far from heat sources and far from direct light between 41°F and 95°F (+5°C and +35°C)
  - Carefully follow the instruction on the label
- **Process for Doffing:**
  - Use the orange undressing strip located at the shoulder level
  - Roll up the suit to avoid any risk of contamination in order to stay in contact with the internal surface

## TECHNICAL INFORMATION

### Performances

In normal use, the suit is air-fed by a breathable network and certified for the flow of air supply roll:

- Minimum flow rate: 250 l/min in 30 psig
- Maximum flow rate: 850 l/min in 55 psig

The noise level within the garment is below 75 dB (at maximum flow rate).

### Certifications

- **EC Personal Protective Equipment Category: 3**
- **EN 1073-1:1998**  
Protective clothing against radioactive contamination - Requirements and test methods for ventilated protective clothing against particulated radioactive contamination. IL: Class 5. Indicate nominal protection factor of the suit (Class 5: Protection factor  $\geq 50\ 000$ )
- **IL**  
Class 5 (average protection factor equal to 50,000 inside the suit). Indicate nominal protection factor of the suit.
- **M1**  
No ignition, no flame persistence and no dripping (NFP 92504:2005/NFP 92507:2004)
- **European Directive:**  
89/686/EEC
- **EC Certification Number:**  
N° 0073/197/162/06/07/0005