

## **Honeywell North® Air-Fed Suits – Mururoa MTH2**

### 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**

- Nuclear
- Petrochemical
- Chemical
- Industrial Maintenance
- Asbestos Removal

#### **For more information**

Technical Service: 800.873.5242

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

# TECHNICAL INFORMATION

## Technical Description

- EVA made material garment is mechanically resistant (abrasion, perforation, tearing...), flame retardant (M1), totally incinerable (low halogen rates) and withstands cold environments
- Pads on knee and elbow in EVA material reinforce protection
- Transparent helmet & visor offer wide field of vision
- Vertical double tight dorsal closing provides reinforced protection
- Two exhaust patented magnetic valves (helmet & back) ensure enhanced protection for workers
- PVC-welded gloves with the possibility to be delivered with disposable cuffs allow for adaptation to different work environments
- Double layer EVA/Cristal feet (with natural color PVC laces) deliver comfort and protection
- Airflow valve sleeve provides reinforced protection
- Hanging loop on the side to insert and maintain the air supply pipe
- Optional HEPA filter offers reinforced protection during air supply connections
- Optional harness sleeves in front or back of the suit allow to adapt to various needs
- Optional voice connection offers flexibility in the work place
- Undressing strip to undress easily and safely contain the contamination
- Safety strip delivers reinforced protection in case of air default



## Ordering Information

| SKU #            | Description   | Case Length (inch) | Case Width (inch) | Case Height (inch) | Case Weight (Lbs) |
|------------------|---|--------------------|-------------------|--------------------|-------------------|
| CC4581011        | Air Fed suit, MURUROA GA, incl. Hansen male plug, Size T01    | 37.40              | 17.72             | 9.84               | 44.09             |
| CC4581012        | Air Fed suit, MURUROA GA, incl. Hansen male plug, Size T02    | 37.40              | 17.72             | 9.84               | 44.09             |
| CC4581013        | Air Fed suit, MURUROA GA, incl. Hansen male plug, Size T03    | 37.40              | 17.72             | 9.84               | 44.09             |
| CC4581014        | Air Fed suit, MURUROA GA, incl. Hansen male plug, Size T04    | 37.40              | 17.72             | 9.84               | 44.09             |
| CC4581015        | Air Fed suit, MURUROA GA, incl. Hansen male plug, Size T05    | 37.40              | 17.72             | 9.84               | 44.09             |
| CC4581017        | Air Fed suit, MURUROA GA, incl. Hansen male plug, Size T03XXL | 37.40              | 17.72             | 9.84               | 44.09             |
| CC4581018        | Air Fed suit, MURUROA GA, incl. Hansen male plug, Size T04XXL | 37.40              | 17.72             | 9.84               | 44.09             |
| CC4581019        | Air Fed suit, MURUROA GA, incl. Hansen male plug, Size T05XXL | 37.40              | 17.72             | 9.84               | 44.09             |
| CC8414422-US     | Air Fed suit, MURUROA MTH2, incl. Cejn male plug, Size T02    | 37.40              | 17.72             | 9.84               | 44.09             |
| CC8414422-XXL-US | Air Fed suit, MURUROA MTH2, incl. Cejn male plug, Size T02XXL | 37.40              | 17.72             | 9.84               | 44.09             |
| CC8414423-US     | Air Fed suit, MURUROA MTH2, incl. Cejn male plug, Size T03    | 37.40              | 17.72             | 9.84               | 44.09             |
| CC8414427-US     | Air Fed suit, MURUROA MTH2, incl. Cejn male plug, Size T03XXL | 37.40              | 17.72             | 9.84               | 44.09             |
| CC8414424-US     | Air Fed suit, MURUROA MTH2, incl. Cejn male plug, Size T04    | 37.40              | 17.72             | 9.84               | 44.09             |
| CC8414428-US     | Air Fed suit, MURUROA MTH2, incl. Cejn male plug, Size T04XXL | 37.40              | 17.72             | 9.84               | 44.09             |
| CC8414425-US     | Air Fed suit, MURUROA MTH2, incl. Cejn male plug, Size T05    | 37.40              | 17.72             | 9.84               | 44.09             |
| CC8414429-US     | Air Fed suit, MURUROA MTH2, incl. Cejn male plug, Size T05XXL | 37.40              | 17.72             | 9.84               | 44.09             |

# TECHNICAL INFORMATION

## Product Information

- **Uses**
  - Designed for use in cold areas on breathable air networks (65 psig – 80 psig)
  - Ventilated-pressurized suit, EN approved for protection against radioactive contamination in nuclear enclosures or in any environment where complete body and respiratory protection is necessary
  - Single-use clothing
  - Applications: fuel life cycle, dismantling, or asbestos removal
  
- **Features**
  - PF > 50,000
  - Class 5: EN1073-1
  - Air Flow Range: 500 to 1070 l/min
  - Durable EVA material is
    - Resistant to abrasion, perforation, and tearing
    - Flame retardant
    - Totally incinerable for disposal (low halogen rates)
    - Made to withstand cold environments
  - Reinforced knees and elbows for abrasion protection
  - Vertical double seal with overlap at the top to secure the closure
  - Two patented exhaust valves (helmet & back) ensure protection for workers
  - Double layer EVA foot ties with PVC laces and optional boot flaps provide reinforced protection at the feet level
  - Valve flap for work requiring reinforced protection
  - 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
  
- **Accessories**
  - Translucent window for viewing dosimeter
  - Can be equipped with a mask in Aluminized Kevlar carbon and a protective screen with an optoelectronic filter for welding
  
- **Composition**
  - Non-flammable polyethylene EVA (24/100 mm)
  
- **Color**
  - White
  
- **Packaging**
  - 10 suits per carton per size
  
- **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

## 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: 500 l/min in 65 psig
- Maximum flow rate: 1070 l/min in 80 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  $\geq 50\ 000$ )
- **EN 340**  
Protective clothing for use against liquid chemicals – Performance requirements for clothing with liquid-tight (Type 3) or spay-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])
- **The manufacturer or its legal representative supplier settled in the European Community:**  
HONEYWELL PROTECTIVE CLOTHING