

## **Honeywell North® Air-Fed Suits – MURUROA V4F1**

### 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
- Pharmaceutical
- Chemical

#### **For more information**

Technical Service: 800.873.5242

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

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

#### **CANADA**

Phone: 888.212.7233

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## TECHNICAL INFORMATION

### Technical Description



1. **Transparent helmet & optical quality visor** for excellent field of vision
2. **Integral air distribution & low noise level** including head, arm and leg ventilation for comfort
3. **Tearable safety strip** for easy suit opening in case of air default
4. **Undressing strip** for safer undressing process without contamination risks
5. **Under-foot antiskid and laces to tie booties** for reinforced protection at feet level
6. **Visible loop for the feeding pipe** for easy access
7. **Two patented exhalation valves** provide constant overpressure inside the suit
8. **Double zipper** offers reinforced tightness
9. **Reinforced elbow and knee** deliver protection in demanding environments
10. **Fireproof** (M1 classification)
11. **Lightweight** (< 1,8 kg)

# TECHNICAL INFORMATION

## Ordering Information

SKU #	Description	Case Length (inch)	Case Width (inch)	Case Height (inch)	Case Weight (Lbs)
<b>MURUROA V4F1, Gloves</b>					
CC8481022-GT08-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T08, incl. Hansen male plug, Size T2	37.40	17.72	9.84	44.09
CC8481022-GT09-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T09, incl. Hansen male plug, Size T2	37.40	17.72	9.84	44.09
CC8481023-GT08-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T08, incl. Hansen male plug, Size T3	37.40	17.72	9.84	44.09
CC8481027-GT08-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T08, incl. Hansen male plug, Size T02XXL	37.40	17.72	9.84	44.09
CC8481023-GT09-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T09, incl. Hansen male plug, Size T3	37.40	17.72	9.84	44.09
CC8481027-GT09-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T09, incl. Hansen male plug, Size T3XXL	37.40	17.72	9.84	44.09
CC8481023-GT10-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T10, incl. Hansen male plug, Size T3	37.40	17.72	9.84	44.09
CC8481027-GT10-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T10, incl. Hansen male plug, Size T3XXL	37.40	17.72	9.84	44.09
CC8481023-XXXL-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T10, incl. Hansen male plug, Size T3XXXL	37.40	17.72	9.84	44.09
CC8481024-GT09-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T09, incl. Hansen male plug, Size T4	37.40	17.72	9.84	44.09
CC8481028-GT09-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T09, incl. Hansen male plug, Size T4XXL	37.40	17.72	9.84	44.09
CC8481024-GT10-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T10, incl. Hansen male plug, Size T4	37.40	17.72	9.84	44.09
CC8481028-GT10-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T10, incl. Hansen male plug, Size T4XXL	37.40	17.72	9.84	44.09
CC8481024-XXXL-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T10, incl. Hansen male plug, Size T4XXXL	37.40	17.72	9.84	44.09
CC8481025-GT09-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T09, incl. Hansen male plug, Size T5	37.40	17.72	9.84	44.09
CC8481025-GT10-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T10, incl. Hansen male plug, Size T5	37.40	17.72	9.84	44.09
CC8481029-GT10-V3	Air Fed suit, MURUROA V4F1 TRU, Glove Size T10, incl. Hansen male plug, Size T5XXL	37.40	17.72	9.84	44.09
<b>MURUROA V4F1, Male Plugs</b>					
CC8481212	Air Fed suit, MURUROA V4F1, incl. Standard male plug, Size T02	37.40	17.72	9.84	44.09
CC8481213	Air Fed suit, MURUROA V4F1, incl. Standard male plug, Size T03	37.40	17.72	9.84	44.09
CC8481214-H5	Air Fed suit, MURUROA V4F1, incl. Standard male plug, Size T04	37.40	17.72	9.84	44.09
CC8481215	Air Fed suit, MURUROA V4F1, incl. Standard male plug, Size T05	37.40	17.72	9.84	44.09
CC8481216	Air Fed suit, MURUROA V4F1, incl. Standard male plug, Size T06	37.40	17.72	9.84	44.09
CC8481217	Air Fed suit, MURUROA V4F1, incl. Standard male plug, Size T03XXI	37.40	17.72	9.84	44.09
CC8481218	Air Fed suit, MURUROA V4F1, incl. Standard male plug, Size T05XXI	37.40	17.72	9.84	44.09
CC8481219	Air Fed suit, MURUROA V4F1, incl. Standard male plug, Size T04XXL	37.40	17.72	9.84	44.09
CC8481411	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T01	37.40	17.72	9.84	44.09
CC8481412	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T02	37.40	17.72	9.84	44.09
CC8481413	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T03	37.40	17.72	9.84	44.09
CC8481414	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T04	37.40	17.72	9.84	44.09
CC8481418	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T04XXL, Glove Size T10	37.40	17.72	9.84	44.09
CC8481415	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T05, Glove Size T10	37.40	17.72	9.84	44.09
CC8481419	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T05XXL, Glove Size T10	37.40	17.72	9.84	44.09
CC8481411-GT09	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T01, Glove size T09	37.40	17.72	9.84	44.09
CC8481417	Air Fed suit, MURUROA V4F1, Glove Size T10, incl. Cejn male plug, Size T3XXL	37.40	17.72	9.84	44.09
CC8481417-GT09	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T03XXL, Glove Size T09	37.40	17.72	9.84	44.09
CC8481414-GTS10	Air Fed suit, MURUROA V4F1, incl. Cejn male plug, Size T04, Glove Size T10	37.40	17.72	9.84	44.09

## TECHNICAL INFORMATION

MURUROA V4F1, Regulator					
CC8481451	Air Fed suit, MURUROA V4F1-R, regulator valve, incl. Cejn male plug, Size T01	37.40	17.72	9.84	44.09
CC8481452	Air Fed suit, MURUROA V4F1-R, regulator valve, incl. Cejn male plug, Size T02	37.40	17.72	9.84	44.09
CC8481452-XXL	Air Fed suit, MURUROA V4F1-R, regulator valve, incl. Cejn male plug, Size T02XXL	37.40	17.72	9.84	44.09
CC8481453	Air Fed suit, MURUROA V4F1-R, regulator valve, incl. Cejn male plug, Size T03	37.40	17.72	9.84	44.09
CC8481454	Air Fed suit, MURUROA V4F1-R, regulator valve, incl. Cejn male plug, Size T04	37.40	17.72	9.84	44.09
CC8481455	Air Fed suit, MURUROA V4F1-R, regulator valve, incl. Cejn male plug, Size T05	37.40	17.72	9.84	44.09
CC8481457	Air Fed suit, MURUROA V4F1-R, regulator valve, incl. Cejn male plug, Size T03XXL	37.40	17.72	9.84	44.09
CC8481458	Air Fed suit, MURUROA V4F1-R, regulator valve, incl. Cejn male plug, Size T04XXL	37.40	17.72	9.84	44.09
CC8481459	Air Fed suit, MURUROA V4F1-R, regulator valve, incl. Cejn male plug, Size T05XXL	37.40	17.72	9.84	44.09

# TECHNICAL INFORMATION

## Product Information

- **Uses**
  - Designed for use on breathable air networks (65 psig - 80 psig), contaminated by radioactive particles, where full body and respiratory protection is required
  - Single use clothing
  - Applications: maintenance, fuel life cycle, or dismantling
  
- **Features**
  - PF > 50,000
  - Class 5: EN1073-1
  - Air Flow Range: 450 to 1150 l/min
  - Two patented exhalation valves provide overpressure inside the suit
  - Elbow and knee reinforcement offer enhanced protection for demanding environments
  - Optional Low Pressure Warning Device (LPWD / AP) in the event of insufficient air supply inside the suit
  - 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 5
  
- **Options**
  - HEPA filter offers reinforced protection during air supply connections
  - Harness sleeve in front or back of the suit
  
- **Composition**
  - Fireproof PVC 20/100 (M1 Classification)
  
- **Color**
  - Pink
  - Natural
  
- **Packaging**
  - Without Gloves: 10 suits per carton and per size
  - With Gloves: 8 suits per carton and 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: 450 l/min in 65 psig
- Maximum flow rate: 1150 l/min in 80 psig

Air flow range varies, depending on nipple type.

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  $\geq 50\ 000$ )
- **M1 under NFP 92 507**  
Fire classification
- **European Directive:**  
89/686/EEC
- **EC Certification Number:**  
N° 0073/197/162/12/97/0038 – 12/10/1997
- **Quality Assurance:**  
ISO 9001 / 2008
- **The manufacturer or its legal representative supplier settled in the European Community:**  
HONEYWELL PROTECTIVE CLOTHING