



**PRODUCT NUMBER: 1001610**  
**Freedom A1B1E1K1P3**

## Overview

**Reference Number**

1001610

**Product Type**

Respiratory Protection

**Range**

Reusable APR

**Line**

Half-face masks

**Brand**

Sperian

**Brand formerly known as**

WILLSON

**Industry**

- Industry

**Product Use**

Freedom is designed to work as a protection class 1 (<50 x MAC/OEL/TLV or 1 000 ppm):

- against gas and organic vapours if the temperature is over 65°C (A1)
- against gas and vapours inorganic (B1), acids (E1), amoniac and derivated aminates (K1)

As a protection class 3 (<50 x MAC/OEL/TLV) against solid and liquid particulates (P3) according to the requirements of the standard CEN TC79 EN 405.

## Features & Benefits

**Feature**

Single and limited use respirator

**Benefit**

- Reduction in total cost - Economical - Reliable product - No record keeping

**Feature**

Dual cartridge system

**Benefit**

- Optimised comfort - Good field of vision

**Feature**

One piece sliding suspension system

**Benefit**

- Safe - Effective positioning

**Feature**

Worn low on the nose

**Benefit**

Ease of use and safety combined

**Feature**

Preformed Kraton skirt

**Benefit**

- Ethnocentric - Comfort - Tolerance

## Technical Description

### Mask

**Headpiece**

Half mask

**Material**

Face part: Kraton & Polypropylen Expiration valve: rubber natural Inspiration valve: Polyurethan Elastic band Mechanical filtration

## Certifications

 E.C. Declaration of Conformity

**EC Category PPE**

3

**EC Certificate Number**

EC 394

**EC Attestation**

 EC Attestation

**EC Attestation Number**

EC 394

 Declaration of conformity INSPEC 1001610

[http://www.honeywellsafety.com/supplementary/documents\\_and\\_downloads/secured/pic\\_sku\\_-\\_certificates/4294989409/1033.aspx](http://www.honeywellsafety.com/supplementary/documents_and_downloads/secured/pic_sku_-_certificates/4294989409/1033.aspx)

## Maintenance

**Care Instructions**

Freedom must be replaced when the smell or the taste of the contaminating product is noticed or if respiratory resistance is too high.

The concentration of contaminating products must not exceed the absorption capacity as defined in the related respiratory protection class.

## Parts & Accessories

**Spare Parts**

1002800 P1 pad filter  
1002801 P2 pad filter  
1001606 Retainer for above

## Packaging

### EAN Code

7312559005393 (unit) / 17312559005390 (box)

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EC TYPE-EXAMINATION CERTIFICATE NO: 394

**Product Description:-**

Valved Filtering Half-Masks  
against gas or gases and particles  
and Filtering Half-masks against  
particles

**Product Designation/Identification/Model number:-**

See attached schedule

**Manufactured by:-**

Dalloz Safety  
PO Box 622  
Reading  
PA 19603 - 0622  
U S A

- i) Is found to be in conformity with Council Directive 89/686/EEC relating to personal protective equipment when assessed and examined against harmonised standards EN405: 1992 and EN149: 1991

and

- ii) Is manufactured under a Quality Control System which has been satisfactorily assessed as meeting the requirements of Article 11 Section B of the same Directive.

**Authorised Representative:**

Dalloz Safety AB  
Box 550  
26050 Billesholm  
Sweden

This Certificate is valid whilst Council Directive 89/686/EEC remains unchanged.  
Signed for and on behalf of INSPEC Certification Ltd. (Notified Body No: 0194)

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Date: 7th March 1996

K Warren,  
Certification Manager

# CERTIFICATION SCHEDULE

COMPANY: Dalloz Safety

SCHEDULE NO: FOUR

CERTIFICATE NO: EC394

DATE: 01 October 1999

SHEET NO. 1 OF 1

MODEL	CLASS	STANDARD
Willson Freedom 2201	FFA1	EN405
Willson Freedom 2211	FFA1-P1.SD	EN405
Willson Freedom 2206	FFB1	EN405
Willson Freedom 2205	FFAE1	EN405
Willson Freedom 2204	FFK2	EN405
Willson Freedom 22051	FFAB1	EN405
Willson Freedom 22052	FFABE1	EN405
Willson Freedom 2208	FFABEK1	EN405
Willson Freedom 2240	FFP3.SL	EN149
Willson Freedom 2201-A2	FFA2	EN405
Willson Freedom 2241-A2	FFA2-P3.SL	EN405
Willson Freedom 2246	FFB1-P3.SL	EN405
Willson Freedom 2245	FFAE1-P3.SL	EN405
Willson Freedom 2244	FFK2-P3.SL	EN405
Willson Freedom 22451	FFAB1-P3.SL	EN405
Willson Freedom 22452	FFABE1-P3.SL	EN405
Willson Freedom 2248	FFABEK1-P3.SL	EN405
Willson Freedom 2241	FFA1-P3.SL	EN405
Willson Freedom 2211-A2	FFA2-P1.SD	EN405
Willson Freedom 2221-A2	FFA2-P2.S	EN405

Signed for and on behalf of INSPEC CERTIFICATION LIMITED



# CERTIFICATION SCHEDULE

COMPANY: Willson Safety Products

SCHEDULE NO: INDEX

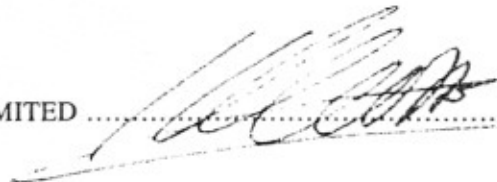
CERTIFICATE NO: 394

DATE: 01 October 1999

SHEET NO. 1 OF 1

Page 2 of 2	-	Withdrawn
Schedule ONE	-	Withdrawn
Page 2 of 2 (Amendment ONE)	-	Withdrawn
Schedule TWO	-	Withdrawn
Page 1 of 2	-	Withdrawn
Schedule THREE	-	Withdrawn
Page 1 of 2 (Amendment ONE)	-	Valid
Page 2 of 2 (Amendment TWO)	-	Valid
Schedule FOUR	-	Valid

Signed for and on behalf of INSPEC CERTIFICATION LIMITED .....



**EC DECLARATION OF CONFORMITY**  
**Déclaration CE de conformité / EG-Konformitätserklärung**

page / Seite 1 of 2

The manufacturer

Le fabricant

Der Hersteller

**Bacou-Dalloz • 3001 South Susan Street • Santa Ana, CA 92704 • USA**

(Authorized Representative: Bacou-Dalloz SA, Z.I. Paris Nord II, 13, Rue de la Perdrix, BP 50398, Roissy CDG, France )

declares that the Personal  
Protective Equipment (PPE)  
described hereafter

déclare que les Equipments de  
Protection Individuals (EPI) décrits  
ci-après

erklärt, daß die nachfolgend  
beschriebene Persönliche  
Schutzausrüstung (PSA)

- Respiratory protective devices:  
Filtering half-masks
- Appareils de protection respiratoire:  
Demi-masques filtrants
  - Atemschutzgeräte:  
Filtrierende Halbmasken

see page 2 / voir page 2 / siehe Seite 2

• are in conformity with the provi-  
sions of Council Directive 89/  
686/EEC and with EN 405; 1992 /  
EN 143; 1990 / EN 149; 1991.

• sont conformes aux dispositions  
de la Directive 89/686/CEE du  
Conseil et à EN 405; 1992 / EN  
143; 1990 / EN 149; 1991.

• den Bestimmungen der  
Ratsdirektive 89/686/EWG und  
ggf. der EN 405; 1992 / EN 143;  
1990 / EN 149; 1991 entspricht.

• are identical to the PPE which is  
the subject of EC certificate of  
conformity n° 394, issued by:

• sont identiques aux EPI régis  
par le certificat CE de conformité  
n° 394, émis par:

• identisch ist mit der PSA, die  
Gegenstand der EG-  
Baumusterprüfungsbescheinigung  
N° 394, ausgestellt von:

**INSPEC Certification Ltd., Upper Wingbury Courtyard, Wingrave, Aylesbury, Buckinghamshire, HP22 4LW, England**

• are subject to the procedure set  
out in Article 11 point B of  
Directive 89/686/EEC under the  
supervision of the notified body:

• sont assujettis à la procédure  
décrite dans l'article 11 clause B  
de la Directive 89/686/CEE sous  
la surveillance de L'organisme  
notifié:

• und dem  
Qualitätssicherungsverfahren nach  
Artikel 11 Punkt B der 89/686/EWG  
unterliegt. Dies wird kontrolliert  
durch:

**INSPEC Certification Ltd., Upper Wingbury Courtyard, Wingrave, Aylesbury, Buckinghamshire, HP22 4LW, England**  
(Notified Body n° 0194 / Organisme notifié n° 0194 / Gemeldete Nr – 0194)

Done at / Fait à / Ausgestellt in – Santa Ana, CA, 13 August 2002



Mirella Ranieri  
Quality Assurance Manager

**EC DECLARATION OF CONFORMITY**  
**Déclaration CE de conformité / EG-Konformitätserklärung**

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Model	Class	Standard
• Willson Freedom 2201	FFA1	EN 405
• Willson Freedom 2211	FFA1-P1.SD	EN 405 / EN 143
• Willson Freedom 2206	FFB1	EN 405
• Willson Freedom 2205	FFAE1	EN 405
• Willson Freedom 2204	FFK2	EN 405
• Willson Freedom 22051	FFAB1	EN 405
• Willson Freedom 22052	FFABE1	EN 405
• Willson Freedom 2208	FFABEK1	EN 405
• Willson Freedom 2240	FFP3.SL	EN 149
• Willson Freedom 2201-A2	FFA2	EN 405
• Willson Freedom 2241-A2	FFA2-P3.SL	EN 405
• Willson Freedom 2246	FFB1-P3.SL	EN 405
• Willson Freedom 2245	FFAE1-P3.SL	EN 405
• Willson Freedom 2244	FFK2-P3.SL	EN 405
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• Willson Freedom 2248	FFABEK1-P3.SL	EN 405
• Willson Freedom 2241	FFA1-P3.SL	EN 405
• Willson Freedom 2211-A2	FFA2-P1.SD	EN 405 / EN 143
• Willson Freedom 2221-A2	FFA2-P2	EN 405 / EN 143



Mirella Ranieri  
 Quality Assurance Manager  
 13 August 2002



## APPLICATIONS

A-type filtration : protection against organic gases and vapours with a boiling point greater than 65°C

B-type filtration : protection against inorganic gases and vapours

E-type filtration : protection against sulphur dioxide and other acid gases and vapours

K-type filtration : protection against ammonia and organic ammonia derivatives

## PROTECTION CAPACITY

Gas/vapour filters Class 1 <50 x MAC/OEL/TLV 1000 ppm

Gas/vapour filters Class 2 <50 x MAC/OEL/TLV 5000 ppm

P1 particle filters <4,5 x MAC/OEL/TLV

P2 particle filters <12 x MAC/OEL/TLV

P3 particle filters <50 x MAC/OEL/TLV

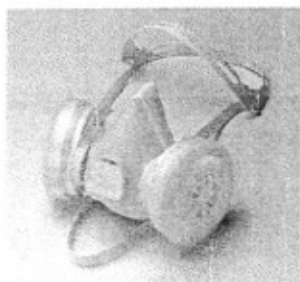
## CONDITIONS OF USE

Filters should not be used in atmospheres Immediately Dangerous to Life or Health, in oxygen deficient atmospheres, or in confined spaces such as stills and tanks. An assessment of the likely atmospheric concentration should be made before use and a safe replacement interval calculated. The concentration of the contaminant should not exceed the adsorption capacity of the filter as defined by its class. The respirator must be replaced when contaminant is tasted or smelt, or if any difficulty in breathing is experienced.

## QUALITY

Willson Freedom respirators are manufactured to a quality plan which meets the requirements of ISO 9001. Representative samples from each batch of filters are destructively tested to ensure conformity to EN 405 / EN 149

## TECHNICAL DATASHEET



SUBJECT:

WILLSON FREEDOM Half Mask Respirators

ISSUE: 1

DATE: 2002

SHEET NO: 1

The Willson Freedom 2000 series are dual filter, disposable half mask respirators which provide approved protection against gases/vapours and/or particulates. They come completely assembled and have no replaceable parts. They are designed, manufactured and tested to ensure conformity to the CEN TC79 standard EN 405\* (\* with the exception of the P3 which conforms to EN149).

WILLSON PART N°	DESCRIPTION	WEIGHT
1001591	Freedom 2201 (FFA1)	265 g
1001607	Freedom 2201 (FFA1) w/ pre-filter	273 g
1001592	Freedom 2211 (FFA1P1)	306 g
1001598	Freedom 2201 (FFA2)	265 g
1001599	Freedom 2201 (FFA2) w/ pre-filter	273 g
1001601	Freedom 2221 (FFA2P2)	335 g
1001602	Freedom 2241 (FFA2P3)	335 g
1001596	Freedom 2208 (FFABEK1)	289 g
1001610	Freedom 2248 (FFABEK1P3)	335 g
1001597	Freedom 2240 (FFP3)	139 g
1000605	Painting pre-filter	
1002800	P1 filter	
1002801	P2 filter	
1001606	RP78 filter retainer	

### MATERIALS

Facepiece	Kraton and polypropylene
Exhalation valve	Natural rubber
Inhalation valve	Polyurethane
Headband	Elastic

### PACKAGING

Facepieces	Individually bagged, 10 units per case
C10 painting pre-filters	10 units per bag, 20 bags per case
P1/P2 filters	20 units per bag, 5 bags per case
RP 78 filter	50 per carton, 200 per case



## E.C. Declaration of Conformity

**The manufacturer or its legal representative supplier in the European Community:**

Honeywell Safety Products Europe

**Declares that the Personal Protective Equipment described here after conforms to the provisions of the European Council Directive 89/686/CEE:**

Designation: Freedom A1B1E1K1P3

Reference: 1001610

Standard(s): EN405

**This PPE is the object of the below EC examination certificate n°:**

EC 394

**Delivered by:**

INSPEC Certification Limited

The Buckland Wharf

Buckinghamshire

HP22 4LW

Aylesbury

United Kingdom

Drawn up in Villers-Cotterêts, on the 24/06/2016

**By:**

**Division:** Respiratory Protection

Pascal MARGERIT

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