

CODE ARTICLE: 1031542

## INSTINCT

INSTINCT Revêtement Dura-Streme incolore

Protection accrue, ajustement personnalisé et style !

# Honeywell

### Présentation générale

#### Numéro de référence

1031542

#### Type de produit

Protection oculaire et faciale

#### Gamme

Lunettes

#### Ligne

Verre unique

#### Marque

Honeywell

#### Industrie

- Constructeur automobile et équipementier
- Bâtiment et travaux publics
- Industrie générale
- Laboratoire
- Logistique
- Maintenance
- Industrie médico-pharmaceutique
- Offshore
- Services
- Télécommunications
- Transport
- Services collectifs

#### Utilisation du produit

Produit adapté aux risques liés à l'abrasion, à la formation de buée, aux particules atmosphériques, et à d'éventuels impacts.

## Caractéristiques & Avantages

### Caractéristique

Protection exceptionnelle, confort et style pour un oculaire de base 7 à haute protection

### Avantage

INSTINCT offre une protection enveloppante complète tout en garantissant une vision périphérique exceptionnelle. Cette lunette est conçue pour offrir aux travailleurs une protection supérieure et un réglage personnalisé pour un ajustement au plus près et serré, ainsi qu'un look stylé qui leur donnera envie de la porter.

### Caractéristique

Réglage : Des branches réglables pour une inclinaison appropriée des verres et des plaquettes nasales souples.

### Avantage

INSTINCT protège l'œil dans sa totalité, offrant ainsi une protection sans faille. Le réglage permet de porter aisément ces lunettes, quelle que soit la morphologie, qu'il s'agisse d'un homme ou d'une femme. Le pont de nez doux et flexible épouse parfaitement la plupart des formes de nez et contribue à faire de cette paire de lunettes de sécurité un produit extrêmement confortable.

### Caractéristique

Confort extrême - Technologie à matériaux multiples - Matériau surmoulé ultra-doux MMT sur toute la branche en contact avec le visage ou la tête (front, pont de nez et tempes).

### Avantage

Tous les points de pression sont soulagés pour un confort quotidien exceptionnel !

## Descriptif technique

### Type de lunettes

Lunettes

### Shade Lens Color

Incolore

### Traitement de l'oculaire

Supra-Dura

### Oculaires de remplacement

S/O

### Couleur de la monture

Monture noir brillant

### Matière de la monture

Polycarbonate/TRP

### Taille de la monture

Largeur globale de l'oculaire 141 mm Longueur des branches 11,50 cm

### Diélectrique

No

### Transmission de la lumière visible

85%

### Type de branche

Branche réglable

### Modèle de plaquettes de nez

Adjustable

Certifications

 Déclaration de conformité CE

**EPI catégorie CE**

1

**Numéro de certificat CE**

2411

**Attestation CE**

 Instinct\_EN\_certificate

**Numéro d'attestation**

2411

**Certifications**

- EN 166:2001

Documentation

 Déclaration de conformité CE

<http://www.honeywellsafety.com/http://honeywellsafety.com>

Photos et images

<http://www.honeywellsafety.com/http://honeywellsafety.com>

Téléchargement de logiciels

<http://www.honeywellsafety.com/http://honeywellsafety.com>

Conditionnement

**Code EAN**

7312550315422

**Étui de conditionnement individuel spécial**

(chaque) Poids net 0,03 kg, longueur 15 cm x largeur 7 cm x hauteur 4,5 cm

**Boîte de stockage de conditionnement spéciale**

(boîte de 10) Poids net 0,29 kg, longueur 28,5 cm x largeur 17,5 cm x hauteur 10,4 cm

**Étui de conditionnement spécial**

(carton de 200) Poids net 5,8 kg, longueur 59 cm x largeur 37 cm x hauteur 52 cm

**Unité de mesure**

chacun

**Quantité par boîte/kit/étui**

10

**Quantité par carton**

200

**Quantités minimales à commander**

1

**Pays d'origine**

Taiwan

## EC TYPE-EXAMINATION CERTIFICATE: 2411

**Product description: -** Personal Protective Spectacles

**Product identification: -** HONEYWELL Instinct

**Manufacturer:** Honeywell Eye and Face Protection Inc.  
10 Thurber Boulevard  
Smithfield  
RI 02917  
U S A

When assessed and examined against harmonised standard EN166:2001 are found to be in conformity with Council Directive 89/686/EEC and associated amendments, relating to personal protective equipment.

**Authorised EU Representative: -** Honeywell Protection Europe (SAS)  
ZI Paris Nord II  
33 Rue des Vanesses, BP 50 288  
95958 Roissy CDG cedex  
France

**Signed**



**Date: 25th September 2012**

K J Warren, Manager, Certification Services

**For and on behalf of INSPEC International Ltd.**  
56 Leslie Hough Way, Salford, Gt Manchester M6 6AJ  
England (Notified Body No: 0194)

**Certification remains valid until 25th September 2017, providing compliance with INSPEC's terms and conditions is maintained.**

**Original date of issue: 25th September 2012**



certificate invalid  
if not embossed

For terms and conditions of issue, see page 2

## Terms and Conditions

### Reference Documents: -

- |      |                |   |  |
|------|----------------|---|--|
| i)   | Test Report    | - | 1.12.08.51, 1.12.08.52 & 1.12.08.53          |
| ii)  | Technical File | - | TF/1789, TF2094 & TF/2411                    |
| iii) | Quality Plan   | - | Sperian Eye & Face Protection, Inc QP EN 166 |

### Conditions attached to the issue of this certificate:

- i) Marking and instructions have been assessed in the English language only. It is the Manufacturers/Authorised Representatives responsibility to obtain and supply language versions acceptable to the country where the product is to be sold.
- ii) Any changes to the product, technical file or quality manual/quality plan shall be immediately notified to INSPEC.
- iii) The Manufacturer/Authorised Representative shall comply at all times with INSPEC's Regulations governing CE Product Certification.
- iv) This Certificate remains the property of INSPEC and may be withdrawn if any of the conditions attached to its issue are not complied with.
- v) This certificate may be copied or reproduced by the certificate holder, complete and without omissions or additions, and in accordance with INSPEC's terms of business.
- vi) This certificate has been provided in accordance with our standard Terms of Business, which can be viewed at, and printed from:

<http://inspec-international.com/ToB.pdf>

If you have difficulty accessing the Terms of Business, you may contact us for a copy.



# CERTIFICATION INDEX

<b>Item</b>	<b>Status</b>	<b>Issued</b>	<b>Amendment</b>
Certificate, Pages 1 – 4	Valid	120925	Initial Issue



# CERTIFICATION SCHEDULE

Model	Lens colour and coating	Optical Class	Lens Filter	Options
1031540	Clear FB+	1	2C-1,2	FTN
1031541	Clear SD	1	2C-1,2	FTK
1031542	Clear DS	1	2C-1,2	FTKN
1031543	TSR Gray SD	1	5-2,5	FTK
1031544	TSR Gray FB+	1	5-2,5	FTN
1031545	TSR Gray DS	1	5-2,5	FTKN
1031546	SCT Gray FB+	1	5-3,1	FTN
1031547	Silver Mirror SD	1	5-3,1	FTK
1031548	I/O Silver SD	1	5-1,7	FTK
1031549	Amber SD	1	2C-1,2	FTK
1031550	Amber DS	1	2C-1,2	FTKN
1031551	Amber FB+	1	2C-1,2	FTN

All lenses are polycarbonate

Key:

FT - Low energy impact at extremes of temperature

K - Resistance to surface damage

N - Resistance to fogging



## **Type Examination Certificate No. 2411 INSPEC Technical File Index**

**Test Reports: \*** 1.12.08.51, 1.12.08.52 & 1.12.08.53

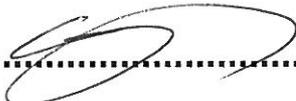
**Test and Inspection Plan: \*** Sperian Eye & Face Protection, Inc QP EN 166

**General Assembly Drawing/  
Product Description: \*** 63.1314.00 & 63.1314.70

**Component/Material List: \*** 63.1314.00 & 63.1314.70

**Information to Users:** As TF/1789

**Material Declaration:** INSPEC STD dated 9/24/12

**Signature:** ..... 

**Name:** C. HARVARD

**Date:** 25<sup>th</sup> September 2012

NOTE: Documents stamped by INSPEC have only been assessed for compliance with the requirements of the specified standard(s) and the PPE Directive; any further statements or claims made within the stamped documents are not endorsed or covered by INSPEC.

\* Reference or similar required

**PRIMARY COMPONENTS/MATERIAL LIST AND SAMPLE SUBMISSION**

Product Group: Spectacles

Standard: EN166

Model/Product Family: Honeywell "Instinct"

**INSPEC**  
 27 SEP 2012  
 NO. 1

COMPONENT (WHERE APPLICABLE)	MATERIAL TYPE PLUS GRADE OR REFERENCE
Frame - Front	Polycarbonate- 2805 Bayer
Brow Nasal	TPE -GLS- VERSAFLEX OM 9-801N
Temple	Polycarbonate- 2805 Bayer
Temple pads	TPE -GLS- VERSAFLEX OM 9-801N
Lens	Polycarbonate - Sabic

List below any components that have either been previously tested or are covered by an existing certificate : 2094

COMPONENT	CROSS REFERENCE				
	Filter	Coating	Lens Filter	Options	Certification Reference SAP Cert# 2094
Lens	Clear	FB+	2C-1.2	FTN	1029736
	Clear	SD	2C-1.2	FTK	1029735
	Clear	DS	2C-1.2	FTKN	1029767
	SCT Gray	FB+	5-3.1	FTN	1029770
	Amber	SD	2C-1.2	FTK	1029739
	Amber	FB+	2C-1.2	FTN	1029750
	INSPEC test reports: 1.12.08.51, : 1.12.08.52: 1.12.08.53				

<b>SAMPLE SUBMISSION (WHERE APPLICABLE)</b>
Quantity Submitted <b>X</b>
Test House <b>INSPEC</b>
State Optional Clauses <b>X</b>
Additional Details/Comments <b>X</b>

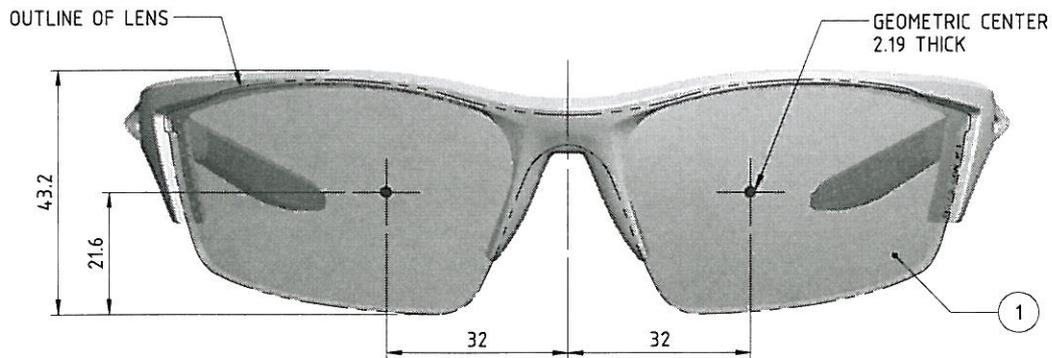
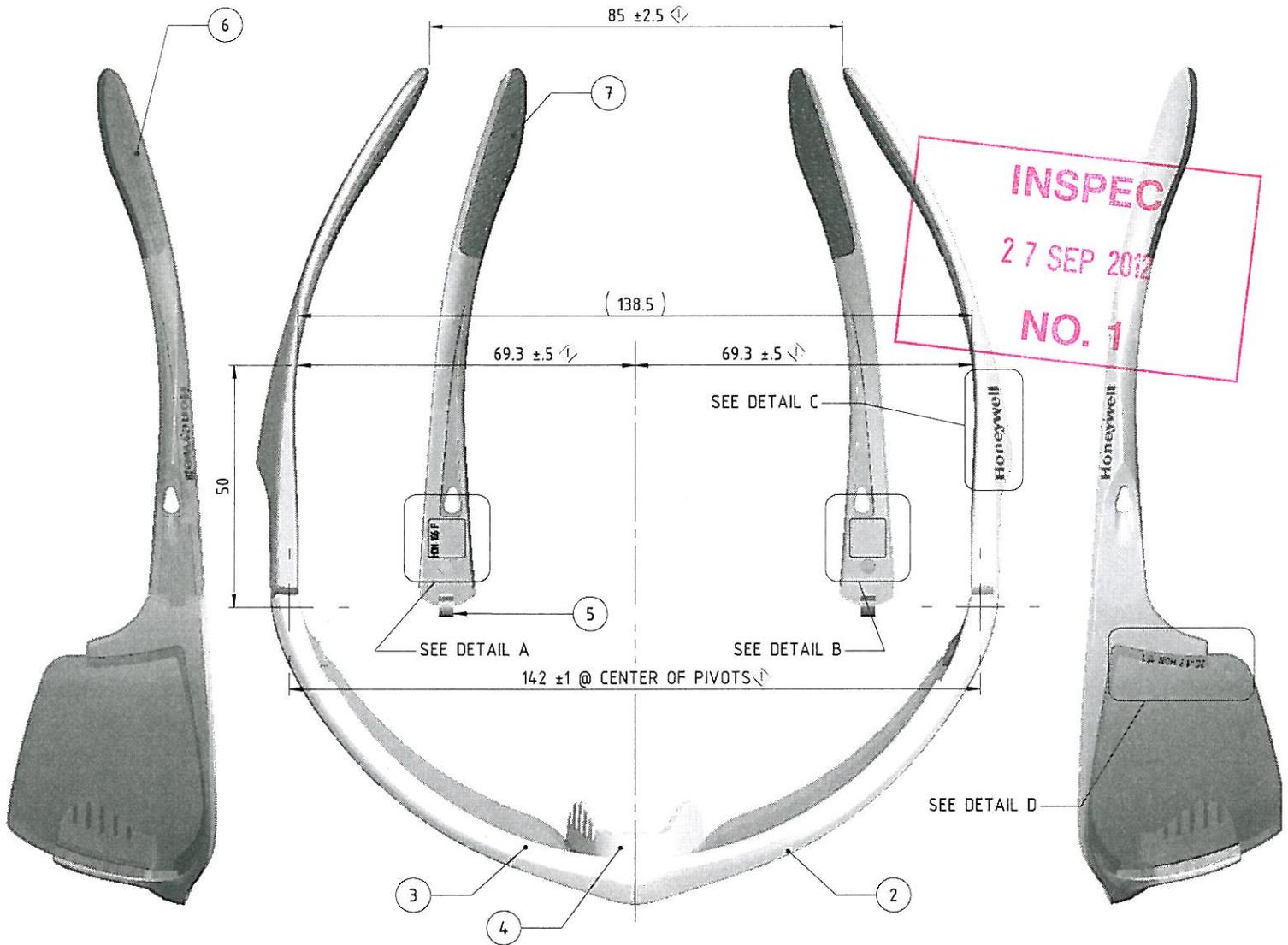
**Material Declaration:** "The material and parts named above are not known to cause adverse affect to user hygiene or health, nor are likely to cause irritation, during normal use"

Signed: *Charles Bottieri* Name: Charles Bottieri..... Date: *X 9/24/2012*.....

Company Name & Address: Honeywell Safety, 10 Thurber Blvd, Smithfield RI 02917.....

**NOTE: X - All applicable sections to be completed by submitter.**

REV	REVISION DESCRIPTION	DATE	DRAWN	CHKD.	APPD
A	RELEASE FOR MANUFACTURING - ECN # 6232	04/13/2012	TJI	RAD	CJB
B	CHANGED TEMPLE TIP COLOR - ADDED OVERMOLD COLOR REMOVED "T" MARK NOTE CHANGED NAME - ECN # 6490	09/25/2012	TJI	RAD	CJB



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TITLE: INSTINCT MARKING DRAWING  
SPECTACLE GEOMETRY  
FORMERLY CALLED EUROSPEC

DO NOT SCALE DRAWING

Material:

Finish:

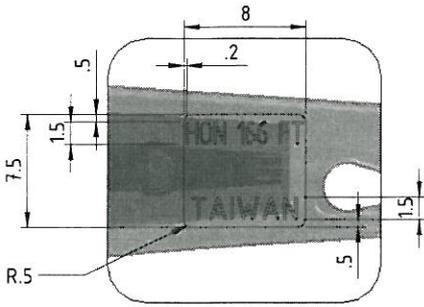
Dimensions:  MM  IN

SCALE 75:1	DRAWN BY: TJI
TOLERANCE UNLESS OTHERWISE SPECIFIED:	DATE: 04/02/2012
MILLIMETERS ±0.1	CHECKED: RAD
INCHES ±0.005	DATE: 04/12/2012
FRACTIONS ±1/64	APPROVED: CJB
ANGLES ±1/2°	DATE: 04/05/2012

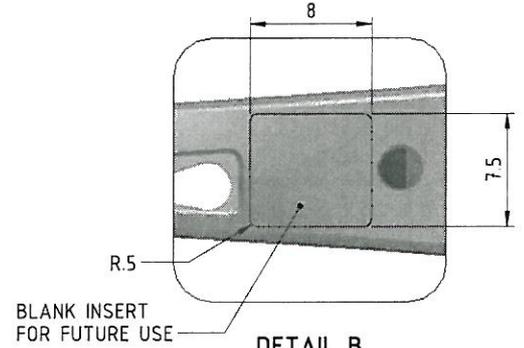
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Item No. SEE CHART ON SHEET 2	REV A
DWG No. 63.1314.00	REV B
SHEET 1 OF 3	

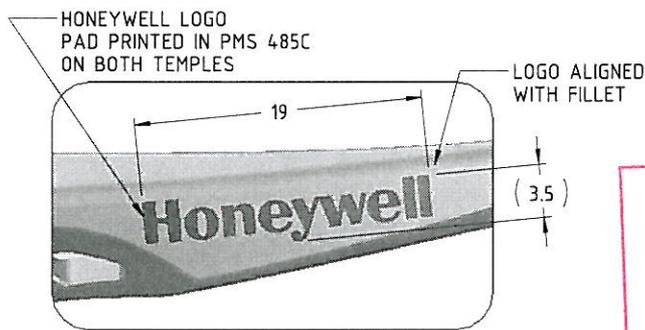
REV.	REVISION DESCRIPTION	DATE	DRAWN	CHKD	APPD
A	RELEASE FOR MANUFACTURING - ECN # 6232	04/13/2012	TJI	RAD	CJB
B	CHANGED TEMPLE TIP COLOR - ADDED OVERMOLD COLOR REMOVED "T" MARK NOTE CHANGED NAME - ECN # 6490	09/25/2012	TJI	RAD	CJB



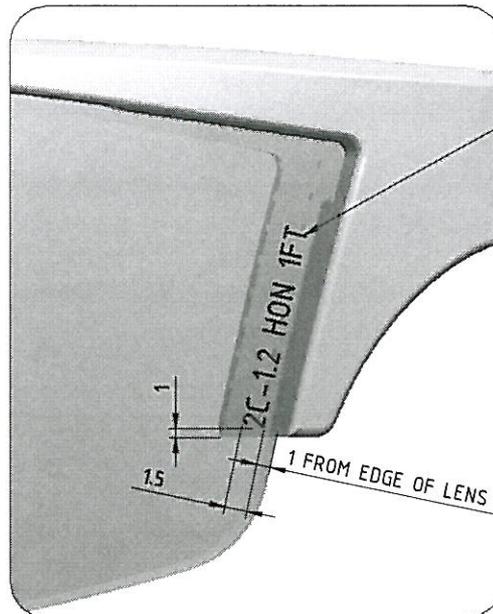
**DETAIL A**  
INSIDE OF RIGHT TEMPLE



**DETAIL B**  
INSIDE OF LEFT TEMPLE



**DETAIL C**  
LEFT TEMPLE PAD PRINT



2C-1.2 HON 1FT  
SHOWN AS A REFERENCE ONLY  
SEE CHART FOR LENS MARKING  
MARK LEFT SIDE OF LENS ONLY

**DETAIL D**  
LENS MARKING

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ENLARGED DETAILS  
FORMERLY CALLED EUROSPEC

DO NOT SCALE DRAWING

Material:

Finish:

Dimensions:  MM  IN INSPECTION DIMENSION =

SCALE: 2.1 DRAWN BY: TJI  
TOLERANCE UNLESS OTHERWISE SPECIFIED:  
MILLIMETERS ±0.1  
INCHES ±0.05  
FRACTIONS ±1/64  
ANGLES ±1/2°

DATE: 04/02/2012  
CHECKED: RAD  
DATE: 04/12/2012  
APPROVED: CJB  
DATE: 04/105/1012

Item No: SEE CHART  
DWG No: 63.1314.00  
SHEET 2 OF 3

DWG 51  
A  
REV B

REV	REVISION DESCRIPTION	DATE	DRAWN	CHKD.	APPD.
A	RELEASE FOR MANUFACTURING - ECN # 6232	04/13/2012	TJI	RAD	CJB
B	CHANGED TEMPLE TIP COLOR - ADDED OVERMOLD COLOR REMOVED "T" MARK NOTE CHANGED NAME - ECN # 6490	09/25/2012	TJI	RAD	CJB

COMPONENT #	DESCRIPTION	QUANTINY	MATERIAL	MANUFACTURER	FINISH / COLOR
1	LENS - 7 BASE, ONE PIECE	1	POLYCARBONATE	SABIC	AS LISTED ON SAP CHART
2	BROW	1	POLYCARBONATE 2805	BAYER	SHINY BLACK PAINT
3	BROW OVERMOLD	1	TPE - OM-9-801N	GLS	PMS COOL GRAY 5U
4	NOSE PIECE OVERMOLD	1	TPE - OM-9-801N	GLS	PMS COOL GRAY 5U
5	RATCHET	2	POLYCARBONATE 2805	BAYER	AS MOLDED
6	TEMPLES	2	POLYCARBONATE 2805	BAYER	SHINY BLACK PAINT
7	TEMPLE OVERMOLD	2	TPE - OM-9-801N	GLS	PMS 186C (RED)

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**27 SEP 2012**  
**NO. 1**

SAP#	DESCRIPTION	LENS WIP#	LENS VLT	LENS COATING	LEFT SIDE
1031540	INSTINCT BLK / RED / GRY - CLEAR FOG-BAN	475070A-81CL001	≥85%	UVEXSTREME+	2C-1.2 HON 1FTN
1031541	INSTINCT BLK / RED / GRY - CLEAR SUPRA-DURA	475070A-71CL001	≥85%	SUPRA-DURA	2C-1.2 HON 1FTK
1031542	INSTINCT BLK / RED / GRY - CLEAR DURA-STREME	475070A-F1CL001	≥85%	DURA-STREME+	2C-1.2 HON 1FTKN
1031543	INSTINCT BLK / RED / GRY - TSR GRAY SUPRA-DURA	475070A-71GY001	23% ±4	SUPRA-DURA	5-2.5 HON 1FTK
1031544	INSTINCT BLK / RED / GRY - TSR GRAY FOG-BAN	475070A-81GY001	23% ±4	UVEXSTREME+	5-2.5 HON 1FTN
1031545	INSTINCT BLK / RED / GRY - TSR GRAY DURA-STREME	475070A-F1GY001	23% ±4	DURA-STREME+	5-2.5 HON 1FTKN
1031546	INSTINCT BLK / RED / GRY - SCT GRAY FOG-BAN	475070A-84GY001	13% ±4 IR≤15%	UVEXSTREME+	5-3.1 HON 1FTN
1031547	INSTINCT BLK / RED / GRY - SILVER MIRROR	475070A-71GY001* NO POST MIRROR WIP #	23% ±4* 13% ±4	SUPRA-DURA	5-3.1 HON 1FTK
1031548	INSTINCT BLK / RED / GRY - I/O SILVER	475070A-71CL001* NO POST MIRROR WIP #	≥85%* 49% ±5	SUPRA-DURA	5-1.7 HON 1FTK
1031549	INSTINCT BLK / RED / GRY - AMBER SUPRA-DURA	475070A-71AM001	≥85%	SUPRA-DURA	2C-1.2 HON 1FTK
1031550	INSTINCT BLK / RED / GRY - AMBER DURA-STREME	475070A-F1AM001	≥85%	DURA-STREME+	2C-1.2 HON 1FTKN
1031551	INSTINCT BLK / RED / GRY - AMBER FOG-BAN	475070A-81AM001	≥85%	UVEXSTREME+	2C-1.2 HON 1FTN

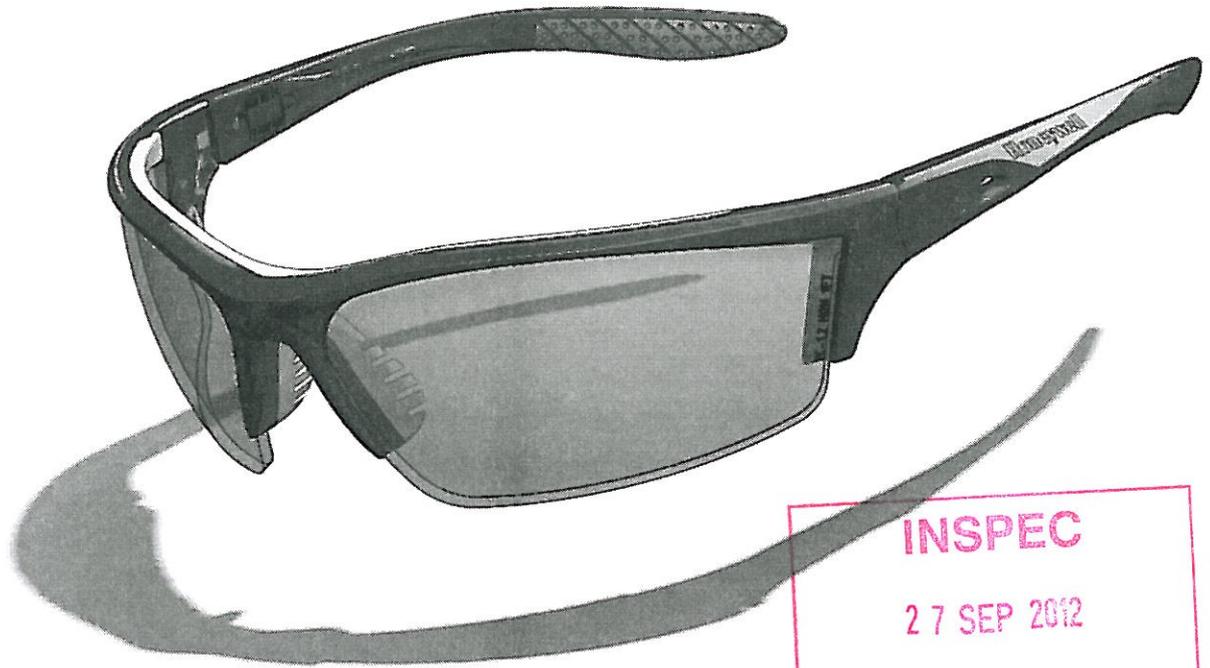
\* = PRE-MIRROR COATING

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 <small>Proprietary &amp; Confidential Information Is Contained Herein. It is Not To Be Used, Reproduced Or Disclosed To Others Without Prior Written Consent from Honeywell</small>	DO NOT SCALE DRAWING	Dimensions: <input checked="" type="checkbox"/> MM <input type="checkbox"/> IN	INSPECTION DIMENSION = <input type="checkbox"/> <input checked="" type="checkbox"/>
	Material:	SCALE 2:1 DRAWN BY: TJI	Item No: SEE CHART
TITLE: INSTINCT MARKING DRAWING SAP CHART & BOM FORMERLY CALLED EUROSPEC	Finish:	<small>TOLERANCE UNLESS OTHERWISE SPECIFIED:</small> MILLIMETERS ±0.1 INCHES ±0.005 FRACTIONS ±1/64 ANGLES ±1/2°	DATE: 04/02/2012 CHECKED: RAD DATE: 04/12/2012 APPROVED: CJB DATE: 04/05/2012
			DWG No: 63.1314.00 SHEET 3 OF 3

# Honeywell

PRODUCT SPECIFICATION # 63.1314.70



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27 SEP 2012  
NO. 1

**INSTINCT**  
**EN Certified**

1031540 - 1031542 - 1031542 - 1031543 - 1031544 - 1031545  
1031546 - 1031547 - 1031548 - 1031549 - 1031550 - 1031551

REVISION	DATE	DESCRIPTION	ECN #
REV A	09/25/12	RELEASE FOR MANUFACTURING	6493

- See 63.1314.00 for product marking and materials.
- See 63.1314.80 for packaging specification.
- Protectors shall be free from projections, sharp edges or other defects which are likely to cause discomfort or injury during use.
- Frame components to be free of flash, splay, obvious color change, flow lines or other cosmetic defects.
- Gaps between frame components to be less than 1.0mm, unless otherwise specified.
- 4 Point Stance - When placed on a flat surface, 4 points should touch the surface, both temple ends & bottom of both lenses (or eyewires) - Maximum gap at any one point to be 2mm.
- All parts with more than one cavity shall have cavity numbers marked in the smallest font possible.
- In completely closed position, temple ends shall not touch inside of lens.
- Required testing to be performed for every manufacturing lot or batch by the manufacturer.

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SPECTACLES CERTIFIED FOR EN166:2001 REQUIRED TESTING FROM STANDARDS				
Requirement	Requirement according to		Testing according to	
	Standard	Clause**	Standard	Clause**
Quality of material and surface	EN166	7.1.3	EN167	5
Refractive properties - must pass Optical Class 1	EN166	7.1.2.1	EN167	3
Thermal stability	EN166	7.1.5.1	EN168	5
Transmittance of oculars - Clear & Amber Lenses*	EN166	7.1.2.2.1	EN167	6
Transmittance of oculars - Clear & Amber Lenses*	EN170	4		
Transmittance of oculars Gray, I/O Silver & Silver Mirror Lenses*	EN172	4.1		
Variations in transmittance	EN166	7.1.2.2.3	EN167	7
Diffusion of light	EN166	7.1.2.3	EN167	4
UV stability	EN166	7.1.5.2	EN168	6
Increased robustness	EN166	7.1.4.2.2	EN168	3.2
High speed particles	EN166	7.2.2	EN168	9
High speed particles at extremes of temperature	EN166	7.3.4	EN168	9

\* VLT requirement per Drawing # 63.1314.00

\*\* Clauses listed are inclusive of all portions of specific clause.

### Lens Coating Adhesion

- Cut a grid of 5 horizontal lines, 1mm apart and 5 vertical lines, 1mm apart in the view zone of a coated lens with razor knife.
- Apply a length of Permacel Tape, or its equivalent, to the grid, pressing it down firmly.
- Pull the tape up with a sharp, quick jerk.
- If no pieces of coating are removed from the lens or are adhered to the tape, the adhesion is acceptable.

## Lens Cosmetic Quality

Lenses are to be free of cosmetic defects such as scratches, bubbles, black spots, pits, etc....according to the Zone Defect Criteria Table below.

Lenses are divided into 3 zones:

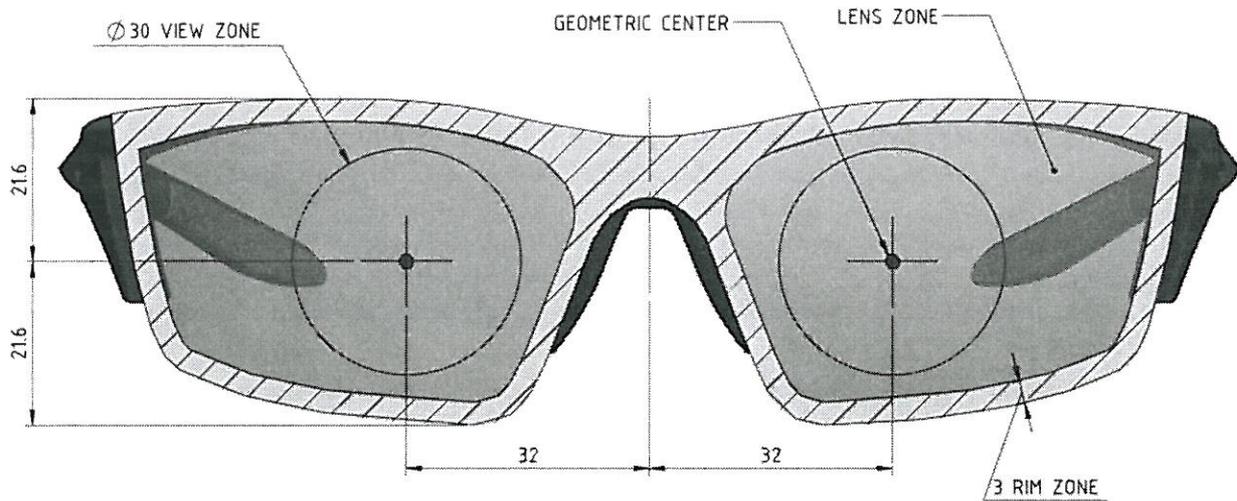
- CENTRAL VIEWING ZONES: A  $\varnothing 30$ mm centered on each Geometric Center.
- RIM Zone: A 3mm wide area around the edge of the lens, the area hidden by frame / eyewire, or both if frame / eyewire is <3mm.
- LENS Zone: The area between the Central Viewing Zones and the RIM Zones.

ZONE DEFECT CRITERIA TABLE			
DEFECT	ACCEPTABLE LIMITS		
	CENTRAL VIEWING ZONES	LENS ZONES	RIM ZONES
Distortion or Coating Waves	None	None	Acceptable
Black Spots or Bubbles	None	< $\varnothing 0.3$ mm	< $\varnothing 0.6$ mm
Scratches	None	< 0.3mm long	< 2mm long
Pits & Digs	None	< $\varnothing 0.3$ mm	< $\varnothing 0.6$ mm
Swirls	None	None	None
Color	Color must be uniform throughout the lens		

INSPEC

27 SEP 2012

NO. 1



### Referenced specifications or documents:

European Standard

EN 166:2001 – Personal eye-protection – Specifications



# Déclaration de conformité CE

**Le fabricant ou le fournisseur agissant en qualité de représentant légal au sein de la Communauté européenne:**

Honeywell Safety Europe

**Déclare que l'Équipement de Protection Individuelle décrit ci-dessous est conforme aux dispositions de la Directive européenne 89/686/CEE:**

Désignation: INSTINCT

Référence: 1031542

Norme(s): EN166

**Cet EPI fait l'objet du certificat d'examen CE ci-dessous, n °:**  
2411

**Délivré par:**

INSPEC

56 Leslie Hough Way

Salford

M6 6AJ

Greater Manchester

United Kingdom

+44 (0)12 96 68 29 66

Fait en INSPEC, Manchester, Royaume-Uni, le 15/01/2014

**Par:** Karren J Warren

**Division:** Protection oculaire et faciale

ZI Paris Nord II 33, rue des Vanesses BP 50288 95958 Roissy CDG France

Tel: +33 (0) 49 90 79 79 Fax: +33 (0)1 49 90 79 80

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