





This is to certify that: ARDON SAFETY S.R.O.

> TRZNI 14 **PREROV** 750 02

Czech Republic

Holds Certificate Number: CE 749754

In respect of:

Safety Eyewear to EN 166:2001 **Various models of spectacles** 

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):

Drs. Dave Hagenaars, Managing Director

First Issued: 2021-08-26 Latest Issue: 2022-12-09 Effective Date: 2022-12-09 Expiry Date: 2026-08-26

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### **Product Specification**

Model: V9000, V9200, V9300

Product description:

Technical specification:

EN 166 categorisation:

Safety spectacle
EN 166:2001
Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

Model: V1011E

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

Technical specification: EN 175:1997 (when fitted with EN 169 scale 3 or 5 filter lenses)

EN 175 categorisation: Protection against high speed particles

Model: V2011, V2111

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

Technical specification: EN 175:1997 (when fitted with EN 169 scale 3 or 5 filter lenses)

EN 175 categorisation: Protection against high speed particles

Model: V10-000, V10-100, V10-200

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

Model: V4000

Product description:

Technical specification:

EN 166 categorisation:

Safety spectacle
EN 166:2001
Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

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### **Product Specification (continued)**

Model: V11-000

Product description: Safety spectacle Technical specification: EN 166:2001 EN 166 categorisation: Optical Class: 1 Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

Resistance to fogging

V6000, V6100, V6200 Model:

Product description: Safety spectacle Technical specification: EN 166:2001 Optical Class: 1 EN 166 categorisation: Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

Model: V8000, V8100

Product description: Safety spectacle Technical specification: EN 166:2001 EN 166 categorisation: Optical Class: 1 Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

Resistance to fogging

Model: V3000

Product description: Safety spectacle Technical specification: EN 166:2001 EN 166 categorisation: Optical Class: 1 Field of use:

FT Low impact energy at extreme temperatures

Model: **V5000** 

Product description: Safety spectacle EN 166:2001 Technical specification: EN 166 categorisation: Optical Class: 1 Field of use:

FT Low impact energy at extreme temperatures

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### **Product Specification (continued)**

Model: V7000, V7100, V7300

Product description: Safety spectacle Technical specification: EN 166:2001 EN 166 categorisation: Optical Class: 1 Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

Resistance to fogging

Model: **V9700** 

Product description: Safety spectacle Technical specification: EN 166:2001 Optical Class: 1 EN 166 categorisation:

Field of use: FT Low impact energy at extreme temperatures

Model: M1000, M1100

Product description: Safety spectacle Technical specification: EN 166:2001 EN 166 categorisation: Optical Class: 1 Field of use:

FT Low impact energy at extreme temperatures

Model: M2000

Product description: Safety spectacle Technical specification: EN 166:2001 EN 166 categorisation: Optical Class: 1 Field of use:

FT Low impact energy at extreme temperatures

Model: M4300

Product description: Safety spectacle Technical specification: EN 166:2001 EN 166 categorisation: Optical Class: 1 Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

Resistance to fogging

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### **Product Specification (continued)**

Model:M9000, M9100Product description:Safety spectacleTechnical specification:EN 166:2001EN 166 categorisation:Optical Class: 1Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

Model: V12-000

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

Model: M3000

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

Model: M5000, M5100, M5200

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

Model: M4000, M4001, M4100, M4200

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

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#### **Product Specification (continued)**

Model: M6000

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

Model: M7000

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

Model: M8000, M8100, M8200

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

Model: G6000

Product description: Safety spectacles fitted with polyester and rubber headband

Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

Model: P1 Clear, P1 Smoke, P1 Yellow

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

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Model: P2 Clear, P2 Smoke

Product description: Safety spectacle Technical specification: EN 166:2001 EN 166 categorisation: Optical Class: 1

Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging



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**Product Specification (continued)** 

Model: **P3 Indoor-Outdoor** 

Product description: Safety spectacle EN 166:2001 Technical specification: Optical Class: 1 EN 166 categorisation:

Field of use: FT Low impact energy at extreme temperatures

K Surface damage by fine particles

N Resistance to fogging

Model: P3 Clear, P3 Smoke, P4 Clear

Product description: Safety spectacle Technical specification: EN 166:2001 EN 166 categorisation: Optical Class: 1 Field of use:

FT Low impact energy at extreme temperatures

K Surface damage by fine particles

Resistance to fogging

Model: R1000

Product description: Safety spectacle Technical specification: EN 166:2001 Optical Class: 1 EN 166 categorisation: Field of use:

FT Low impact energy at extreme temperatures

Model: Q4100, Q4200, Q4400

Product description: Safety spectacle EN 166:2001 Technical specification: EN 166 categorisation: Optical Class: 1

Field of use: FT Low impact energy at extreme temperatures

K Surface damage by fine particles

Resistance to fogging

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Protection against optical radiation

Some model can also be supplied in one the following scales:

Standard	Scale
EN 172:1994 filter shade	5-2 (Smoke lens)
(Sunglare filter without infrared	5-2,5 (Smoke lens)
specification)	5-2,5 (Smoke revo blue mirror)
	5-3,1 (Smoke lens)
	5-3,1 (Blue mirror lens)
	5-3,1 (Smoke lens)
	5-3,1 (Smoke lens)
	5-4,1 (Red lens)
	5-1,7 (indoor-outdoor lens)
	6-2,5 (Green lens)
EN 169:2002	2,5
(Welding filters)	3
	5
	5C (with enhanced colour recognition option)
EN 170:2002 Ultraviolet filter	2-1,2 (Clear lens)
	2C-1,2 (Clear lens) (with enhanced colour recognition option)
	2-1,2 (Yellow lens)
	2C-1,2 (Yellow lens) (with enhanced colour recognition option)
	2-1,4 (Green lens)
	2-1.4 (Blue Lens)
	2C-1,4 (Blue Lens)
	2-1,7 (Blue lens)
	2C-1,7 (Blue lens) (with enhanced colour recognition option)
	2-1,7 (Green)
	2C-1,7 (Green) (with enhanced colour recognition option)
	2-1,4 (Orange lens)
	2-1,7 (Orange Lens)
	2-2 (Blue silver mirror lens)
	2C-2 (Blue silver mirror lens)
	2-2,4 (Amber lens)
EN 171,2002 Filter shade	2C-2,4 (Amber lens)
EN 171:2002 Filter shade	4-2,5 4-3
(Infrared filter)	
	4-5
-	4C-5 (with enhanced colour recognition option)

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### **Product Specification (continued)**

Model: G3011

Product description: Safety goggle with lightweight soft PVC frame with internal lateral vents for wearer

comfort Toughened polycarbonate lens, which offers protection against flying

particles.

Technical specifications: EN 166:2001
EN 166 categorisation: Optical Class: 1

Field of use:

4 Large dust particles

9 Molten metals and hot solids

BT Medium impact energy at extreme temperatures

Model: G2011

Product description: Safety goggle with polycarbonate lens, polyvinyl chloride frame and elastic strap.

Fitted with four ventilation caps.

Technical specifications: EN 166:2001 EN 166 categorisation: Optical Class: 1

Field of use:
3 Liquids

4 Large dust particles

9 Molten metals and hot solids

K Resistance to damage by fine particles

N Resistance to fogging

BT Medium impact energy at extreme temperatures

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### **Product Specification (continued)**

Model: G1000

Product description Safety goggle with polycarbonate lens, polyvinyl chloride frame and 60%

textured polyester and 40% rubber elastic strap.

Technical specifications: EN 166:2001 EN 166 categorisation: Optical Class: 1

> Field of use: 3 Liquids

4 Large dust particles

9 Molten metals and hot solids

K Resistance to damage by fine particles

N Resistance to fogging

BT Medium impact energy at extreme temperatures

Model: G5000

Product description: Safety goggle with polycarbonate lens, polypropylene (PP) frame/side shields and

60% textured polyester and 40% rubber elastic strap and ventilation.

Technical specifications: EN 166:2001
EN 166 categorisation: Optical Class: 1

Field of use:
3 Liquids

9 Molten metals and hot solids

K Resistance to damage by fine particles

N Resistance to fogging

BT Medium impact energy at extreme temperatures

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### **Product Specification (continued)**

Model: G4000

Product description: Safety goggle with polycarbonate lens, PVC frame/side shields and 60% textured

polyester and 40% rubber elastic strap and ventilation.

Technical specifications: EN 166:2001 EN 166 categorisation: Optical Class: 1

> Field of use: 3 Liquids

4 Large dust particles

K Resistance to damage by fine particles

Ν Resistance to fogging

BT Medium impact energy at extreme temperatures

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**Product Specification - Face shields** 

Model: S-1 and S-1D Visors with Frame D-2

**Product description:** Helmet S-1 visor made from polycarbonate with cap frame fitted with a rubber cord for

use with models SH-1 industrial helmets

**Technical specification:** EN 166:2001

**EN 166 categorisation:** Optical Class: 1

Field of use:

3 Protection against droplets and splashes of liquids

9 Molten metals and hot solids

BT Medium impact energy at extreme temperatures

Filtered shades

EN 169 Welding filters

3 (Green) 5 (Green)

EN 170 Ultraviolet filters

2-1,2, or 2C-1,2 (Clear)

2-1,7 or 2C-1,7 (Green)

EN 171 Infrared filters

4-3 (Green)

4-5 (Green)

EN 172 Sunglare filters

5-3,1 (Smoke)

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**Product Specification - Face shields (continued)** 

Model: S-1 and S-1D Visors mounted on Browguard D-1

**Product description:** Model D-1 Brow guard fitted with spherical visor

**Technical specification:** EN 166:2001

**EN 166 categorisation:** Optical Class: 1

Field of use:

3 Protection against droplets and splashes of liquids

8 Resistance to short circuit electric arc (incl supplementary requirements to GS-ET-29).

9 Molten metals and hot solids

BT Medium impact energy at extreme temperatures

Filtered shades

EN 169 Welding filters

3 (Green) 5 (Green)

EN 170 Ultraviolet filters 2-1,2, or 2C-1,2 (Clear) 2-1,7 or 2C-1,7 (Green) EN 171 Infrared filters

4-3 (Green) 4-5 (Green)

EN 172 Sunglare filters

5-3,1 (Smoke)

**Technical specification:** GS-ET 29 Supplementary requirements for the testing and certification of face shields for

electrical works.

**GS-ET 29** Optical Class: 1 categorisation: Field of use:

8 Resistance to short circuit electric arc

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**Product Specification - Face shields (continued)** 

Model: Mesh Visor S-2 mounted on Browguard D-1

**Product description:** Mesh visor made from metal wire mounted on headgear D-1

**Technical specification:** EN 1731:2006

Field of use: **EN 1731 categorisation:** 

F High speed particles - Low energy impact

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#### **Certificate Administration Details**

Products initially approved on BSI certificates: CE 692741, CE 692742, CE 692743

#### **Certificate Amendment Record**

Issue Date	Comments	BSI Internal Project Number
August 2021 December 2022	First Issue. Addition of models - V9700, M4300, P3 Indoor-Outdoor, Q4100, Q4200 & Q4400	2797:21:3430398 2797:22:3774000

Note: The Certificate holder is responsible for keeping the Notified Body advised of changes to any aspect of the overall process used in the manufacture of the product. The products listed comply with Annex II of the PPE Regulation (EU) 425/2016

The validity of the Certificate for the products is also dependent on the maintenance of the EU Conformity to Type based on Internal Production Control plus supervised product checks at random intervals, Annex VII (Module C2) as referenced on BSI issued Certificate CE 724276.

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