

MAXI FACE SHIELD



CE DIN EN 166 : 2001
Certified Lens Only



PRODUCT DESCRIPTION

- Flip up brow guard with adjustable fastening side knobs.
- Headgear with automatic locking ratchet adjustment system.
- Tricot cushion sweatband.
- 3 Stage adjustment on brow guard resting position.
- 5 Point adjustment on crown strap.
- 3 point lense attachment.
- Fits 1mm standard polycarbonate 305mm x 205mm or deep 305mm x 240mm lenses.

TECHNICAL SPECIFICATIONS

- One size fits all: 50cm - 64cm.
- 148g assembled weight (Brow guard & headgear).
- 80g 305mm x 205mm x 1mm polycarbonate lens.
- 94g 305mm x 240mm x 1mm deep polycarbonate lens.
- Automatic locking ratchet adjustment system.
- Flip up brow guard with 3 point adjustment on resting position.
- Materials: Polypropylene brow guard, side adjustments, gear housing and gears. HDPE headband. Acetyl side screws.
- Colours: Royal blue & natural.

COMPLIANCE

- 1mm Polycarbonate LEXAN 9030TG
- DIN EN 166 : 2001
Annex II of the PPE-Directive 89/686/EEC
Optical class: 1
Protection against high speed particles, medium energy impact(B)

PACKAGING

- 20 assembled with lenses per clear bag 750mm x 550mm x 240mm x 4.6kg
- 30 assembled with no lenses 750mm x 550mm x 240mm 4.3kg

INSTRUCTIONS FOR USE

Place headgear on head with the ratchet facing the back. Push ratchet in and turn clockwise to tighten. Push ratchet in and turn anti-clockwise to loosen. To adjust the brow guard resting angle, push the tabs located in the inside left and right of the brow guard inwards till locating pin is free. Then release the tabs into the desired positioning hole. To adjust brow guard swivel action tighten or loosen side knobs on either side. To replace the lens, turn each retaining clip to a horizontal position. Turn each retaining clip to a vertical position once a new lens is fitted.

WARNING

Read all instructions and warnings before use. Failure to follow could result in serious personal injury or death. This impact resistant lens complies to the requirements of EN Standards 166, Clause 7.2.2 for Medium Impact Resistance to high speed projectiles.

This face shield lens only provides limited protection to the user and does not replace machine-guards/screens or covers and should be worn with safety spectacles or goggles. Use only approved lenses suited to the application. A risk assessment must be carried out by a competent person to determine hazardous conditions and determine if the protective equipment is suited to the application. Do not use this lens for protection against chemicals or hazardous substances. When using tinted lenses these only provide limited protection from sun rays or moderate light sources. Do not use for brazing, welding or high intensity light protection. Do not use in high temperatures areas such as furnaces. Do not use this lens for protection against laser or gamma light sources or where optical hazards exist.

Examine the complete lens and mounting. Replace when cracked, scratched, marked, pitted, damaged or when clear vision is compromised. Clean surfaces using mild soapy water, rinse off well, air dry or pat with a soft cloth. Do not dry clean the lens, this will cause fine scratches. Do not use thinners or any other solvent based cleaning agents. This lens should not be used for sporting/recreational/paint-ball/war-games or any other such activity. If in doubt on any of the above, consult with safety officer/supervisor/supplier/manufacturer before use.

MAXI CLIP-ON FACE SHIELD



CE DIN EN 166 : 2001
Certified Lens Only

PRODUCT DESCRIPTION

- Flip up brow guard with adjustable fastening side knobs.
- Clips onto Safeco safety cap.
- 3 Stage adjustment on brow guard resting position.
- 3 point lense attachment.
- Fits 1mm deep 305mm x 240mm lenses.

TECHNICAL SPECIFICATIONS

- Designed to fit all Safeco Safety Caps.
- 84g assembled weight (Clip-on brow guard).
- 94g 305mm x 240mm x 1mm deep polycarbonate lens.
- Flip up brow guard with adjustable fastening side knobs.
- Materials: Polypropylene brow guard, side adjustments and clips. Acetyl side screws.
- Colours: Royal blue.

COMPLIANCE

- 1mm Polycarbonate LEXAN 9030TG
- DIN EN 166 : 2001
Annex II of the PPE-Directive 89/686/EEC
Optical class: 1
Protection against high speed particles, medium energy impact(B)

PACKAGING

- 50 assembled with lenses per clear bag 750mm x 550mm x 240mm x 8.9kg

INSTRUCTIONS FOR USE

Push left and right brow guard clips into Safeco safety cap accessory slots on the side of the cap. Ensure the clip clicks into place to secure brow guard. To adjust the brow guard resting angle, push the tabs located in the inside left and right of the brow guard inwards till locating pin is free. Then release the tabs into the desired positioning hole. To adjust brow guard swivel action tighten or loosen side knobs on either side. To replace the lens, turn each retaining clip to a horizontal position. Turn each retaining clip to a vertical position once a new lens is fitted.

WARNING

Read all instructions and warnings before use. Failure to follow could result in serious personal injury or death. This impact resistant lens complies to the requirements of EN Standards 166, Clause 7.2.2 for Medium Impact Resistance to high speed projectiles.

This face shield lens only provides limited protection to the user and does not replace machine-guards/screens or covers and should be worn with safety spectacles or goggles. Use only approved lenses suited to the application. A risk assessment must be carried out by a competent person to determine hazardous conditions and determine if the protective equipment is suited to the application. Do not use this lens for protection against chemicals or hazardous substances. When using tinted lenses these only provide limited protection from sun rays or moderate light sources. Do not use for brazing, welding or high intensity light protection. Do not use in high temperatures areas such as furnaces. Do not use this lens for protection against laser or gamma light sources or where optical hazards exist.

Examine the complete lense and mounting. Replace when cracked, scratched, marked, pitted, damaged or when clear vision is compromised. Clean surfaces using mild soapy water, rinse off well, air dry or pat with a soft cloth. Do not dry clean the lens, this will cause fine scratches. Do not use thinners or any other solvent based cleaning agents. This lens should not be used for sporting/recreational/paint-ball/war-games or any other such activity. If in doubt on any of the above, consult with safety officer/supervisor/supplier/manufacturer before use.

MAXI CHEMICAL FACE SHIELD



PRODUCT DESCRIPTION

- Flip up brow guard with adjustable fastening side knobs.
- Headgear with automatic locking ratchet adjustment system.
- Tricot cushion sweatband.
- 3 Stage adjustment on brow guard resting position.
- 5 Point adjustment on crown strap.
- 6 point lense attachment.
- Fits 1mm A-Lite chemical resistant PETG wide flare lens.

TECHNICAL SPECIFICATIONS

- One size fits all: 50cm - 64cm.
- 330g assembled weight.
- Automatic locking ratchet adjustment system.
- Flip up brow guard with 3 point adjustment on resting position.
- Materials: Polypropylene brow guard, side adjustments, gear housing and gears. HDPE headband. Acetyl side screws. A-Lite chemical resistant lense
- Colours: Royal blue & natural.

PACKAGING

- 20 assembled with lenses per clear bag 750mm x 550mm x 240mm x 4.6kg
- 30 assembled with no lenses 750mm x 550mm x 240mm 4.3kg



INSTRUCTIONS FOR USE

Place headgear on head with the ratchet facing the back. Push ratchet in and turn clockwise to tighten. Push ratchet in and turn anti-clockwise to loosen. To adjust the brow guard resting angle, push the tabs located in the inside left and right of the brow guard inwards till locating pin is free. Then release the tabs into the desired positioning hole. To adjust brow guard swivel action tighten or loosen side knobs on either side. To replace the lens, turn each retaining clip to a horizontal position. Turn each retaining clip to a vertical position once a new lens is fitted.

WARNING

Read all instructions and warnings before use. Failure to follow could result in serious personal injury or death.

This face shield lens only provides limited protection to the user and does not replace machine-guards/screens or covers and should be worn with safety spectacles or goggles. Use only approved lenses suited to the application. A risk assessment must be carried out by a competent person to determine hazardous conditions and determine if the protective equipment is suited to the application. Do not use this lense for protection against chemicals or hazardous substances. When using tinted lenses these only provide limited protection from sun rays or moderate light sources. Do not use for brazing, welding or high intensity light protection. Do not use in high temperatures areas such as furnaces. Do not use this lense for protection against laser or gamma light sources or where optical hazards exist.

Examine the complete lense and mounting. Replace when cracked, scratched, marked, pitted, damaged or when clear vision is compromised. Clean surfaces using mild soapy water, rinse off well, air dry or pat with a soft cloth. Do not dry clean the lens, this will cause fine scratches. Do not use thinners or any other solvent based cleaning agents. This lens should not be used for sporting/recreational/paint-ball/war-games or any other such activity. If in doubt on any of the above, consult with safety officer/supervisor/supplier/manufacturer before use.

LENSES

- 305mm x 205mm x 1mm clear polycarbonate lens.
- 305mm x 240mm x 1mm deep clear polycarbonate lens.
- 305mm x 205mm x 1mm clear polycarbonate lens with PVC edge trim
- 305mm x 240mm x 1mm deep clear polycarbonate lens with PVC edge trim
- 305mm x 240mm x 1mm deep gauze lens with edge trim



SPARE COMPONENTS

- Replacement headgear
- Replacement browguards

Prüfbericht

Test Report

Nr. 0037-PZA-04

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Akkreditiert durch die Zentralstelle der

Länder für Sicherheitstechnik (ZLS)

DAR-Reg.-Nr.: ZLS-P-392/02

Auftraggeber

*Customer***Bayer Sheet Europe N. V.
Wakkensesteenweg 47
8700 TIELT
BELGIEN**

Prüfbericht besteht aus

Test report contains

Hauptteil und 1 Anhang

Main part and 1 annex

Anzahl der Seiten des Prüfberichtes

Number of pages in this Test Report

6

Produktart

Product

Sicherheitssichtscheiben

Eingang der Prüflinge

Arrival of samples

23.03.2004

Zeitraum der Prüfung

Period of testing

24.03.2004 bis 14.04.2004

Prüfgrundlage (Normen)

Test specifications (Standards)

DIN EN 166 : 2002

Hinweise

Remarks

Die in diesem Prüfbericht aufgeführten Prüfergebnisse beziehen sich ausschließlich auf die genannten Prüfgegenstände. Eine vollständige oder auszugsweise Vervielfältigung des Prüfberichtes ist ohne die schriftliche Genehmigung des Prüf- und Zertifizierungszentrums Aalen nicht zulässig.

The results described in this test report refer to the mentioned test samples exclusively. A copy of the test report, complete or in extracts, is not permissible without any written permission of the test laboratory and certification centre DIN CERTCO Aalen.

Aalen, den 15.04.2004



Stefan Merkel, Dipl.-Ing. (FH)
Leiter des Prüflabors



ANNEX 1

Test mark:	01281-PZA-11
Type:	UV-Filter, type 'Makrolon UV clear 2099, 1 mm'

Transmittance (Ultraviolet filters)

Test ↓	Sample →		1128-1
Luminous transmittance τ_{vl} based on CIE standard illuminant A		%	90,0
Spectral transmittance $\tau(\lambda)$	$210 \text{ nm} \leq \lambda \leq 313 \text{ nm}$	%	0,00035*
	$313 \text{ nm} < \lambda \leq 365 \text{ nm}$	%	0,00089
	$365 \text{ nm} < \lambda \leq 405 \text{ nm}$	%	56,3
	$500 \text{ nm} < \lambda \leq 650 \text{ nm}$		+
	Visual attenuation quotients		+
Nominal scale number			2-1,2

*Remark: Increased value due to fluorescence

Test objects, tests and results

Based on the tables as written in the standard DIN EN 166, the main part assigns the test samples to the named tests. The test results are documented according to the named standards.

Signs and symbols:

- + meet the requirements
- ***do not meet the requirements***
- / not tested or not applicable
- Ab interruption of the testing sequence

The uncertainty of optical measurements corresponds to the required one in DIN EN 167.

Unless stated otherwise, the measurements were carried out in the main viewing point of the samples and, in the case of lenses with corrective power, at the applicable reference point.

Samples and summary of all test results

Type:	UV-Filter, type 'Makrolon UV clear 2099, 1 mm'					
Test mark:	01281-PZA-11					
Number of delivered sheets: 1	Number of test samples: 1					
Test- sequence	Requirements	According to		According to		Sample 1128-1
		DIN EN	Clause	DIN EN	Clause	
1	Transmittance	170	5	167	6	+
Individual results of each test sample see annex 1						

Test Report

No. 0128-PZA-11
Rev. 0

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the Federal States for Safety (ZLS)
ZLS-P-707/07

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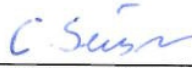
Test report contains	Main part and 1 annex
Number of pages	4
Product	Makrolon Sheet, Ultraviolet filter
Arrival of samples	2011-06-07
Period of testing	2011-06-15 to 2011-06-16
Reference Standard	DIN EN 170 : 2003-01
Remarks	Partial Testing

This test report relates to the mentioned test samples. Without the permission of the DIN CERTCO test and certification centre Aalen this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any certification mark.

Aalen, 2011-09-13

Compiled by:

Reviewed by:

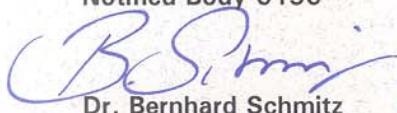

Jürgen Buchardt, M.Eng.
- Testing Engineer -
Carlo Seiser, Dipl.-Phys.
- Testing Engineer -

EC TYPE-EXAMINATION CERTIFICATE

Applicant:	Quinn Plastics GmbH Gassnerallee 40 55120 Mainz Germany	C3299QP
Manufacturer's code:	QP	
Model:	Barlo PC	
Type of product:	Safety ocular	
Test specifications:	DIN EN 166 Annex II of the PPE Directive 89/686/EEC	
Test number:	10171-PZA-05	
Material:	polycarbonate	
Configuration:	increased robustness (S)	
Safety lens:	yes	
Prescription lens:	no	
Scale number:	-	
Total thickness:	1 mm	
Curvature:	0 dpt	
Composition		
Front side:	-	
Intermediate layer:	-	
Inner side:	-	
Optical class:	1	
Marking:	QP 1 S CE	

We herewith certify that the above-mentioned model fulfills the basic requirements for health and protection laid down in the Directive of the European Community on Personal Protective Equipment 89/686/EEC.

DIN CERTCO
Eye Protection and Personal Protective Equipment
Notified Body 0196


Dr. Bernhard Schmitz

11.02.05 - 01k-O



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