



Face protection

Face Protection

Introduction

In some situations a safety spectacle provides not the correct protection. When you want to protect your face and eyes against liquid splashes, flying particles such as steel, stone, metal or grinding disc particles then face protection should be used.

North's face protection can be recognized by its design and low weight and can be combined with other North products such as hard hats and ear defenders.

EN Standards



EN166 Specifications for personal protective eyewear

EN167 Standard for optical test methods

EN168 Standard for non-optical test methods

by application types

EN169 Standard for welding filters

EN170 Standard for ultraviolet filters

EN172 Standard for solar protection filters for industrial use

EN1731 Mesh type eye and face protection

Material Properties

PC

- Polycarbonate
- Medium energy impact: Class B
- Extremely suitable for heavy grinding, drilling and milling work
- Limited chemical resistance

CP

- Cellulose propionate
- Low energy impact: Class F
- Extremely suitable for work with chemicals, light grinding, drilling and milling work
- High chemical resistance

PETG

- Polyethylene Terephthalate Glycol
- Low energy impact: Class F
- Suitable for work with chemicals, light grinding, drilling and milling work
- Recyclable product

Marking frame & lens

- F* Resistance to low energy impact (6 mm steel ball launched at a speed not exceeding 45 m/s)
- B* Resistance to medium energy impact (6 mm steel ball launched at a speed not exceeding 120 m/s)
- A* Resistance to high energy impact (6 mm steel ball launched at a speed not exceeding 190 m/s)

Marking frame

- T* Protection against impact at extreme temperatures

Marking lens

- 2* UV-light filter
- 2C* UV-light filter with good colour recognition

Additional markings

- 3* Protection against drops and splashes
- 4* Protection against dust particles greater than 5 microns
- 5* Protection against dust particles less than 5 microns
- 8* Protection against electric arc discharges caused by short-circuiting
- 9* Protection against molten metal and hot solids
- K* Filter with abrasion resistance features
- N* Filter with anti-fog features

The marking must be visible on each component to comply with the standard EN 166.

Lens coating & material descriptions



- anti-scratch
- anti-UV
- anti-static



- anti-scratch
- anti-UV
- anti-static
- anti-fog



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- anti-fog

All of North's protective eyewear is treated with a scratch resistant coating or North's exclusive 4A coating. The Anti-Fog treatment is applied on both sides of the lens.

- Scratch resistant coating
- Permanently bonded to the lens
- Very durable
- Extends lens life
- Excellent optical quality
- Resistant to a wide range of chemicals

4A+ coating is an unique lens treatment that will meet the additional EN166 standard K= scratch resistant & N= Anti-Fog features on both sides of the safety lens.

Face shields

Perforama Nova



Three part face shield with clear crown and chin guard for optimum protection.

- Screen 18cm
- Flip-up screen
- Adjustable flip-back block position
- Ratchet adjustable headgear

Screen	Coating	Art. nr.	Repl. Screen	Marking
Clear PC	3A	820140	520160	3-1,2 EN166 1B 9 N CE
Clear CP	4A	820144.6	520164	EN166 1F 9 N CE
Clear PC Combi North	3A	820840.5	520860.5	3-1,2 EN166 1F N CE
Clear CP Combi North	4A	820844.5	520864.5	EN166 1F N CE

Perfo Nova



Comfortable face shield with black crown.

- Screen 21cm
- Flip-up screen
- Adjustable flip-back block position
- Ratchet adjustment headgear

Screen	Coating	Art. nr.	Repl. Screen	Marking
Clear PC	3A	820440	520450	3-1,2 EN166 1B 9 N CE
Clear CP	4A	820444	520454	EN166 1F 9 N CE
Clear PC Combi North	3A	821040.5	521050.5	3-1,2 EN166 1F N CE
Green CP Combi North	3A	821043.5	620458	EN166 1F CE

Face shields

Perfo
B + C

PP

3A
COATING

240 gr



- Robust, compact and flip up face shield
- 18cm screen
- Headgear with ratchet suspension
- Suitable for medium industrial use

Screen	Coating	Art. nr.	Marking
Clear PC	3A	820400	EN166 2F CE1F CE
Green PC 21 cm	3A	820406	EN166 F CE
Mesh		820410	EN1731 F CE

North
Faceshield

PP

3A
COATING

330 gr



- Lightweight polypropylene face shield
- 21cm screen with metal rim
- Headgear with ratchet suspension
- Ideal for use with acids, alkalis, fettling, electroplating and light engineering

Screen	Coating	Yellow crown	Repl. screen	Marking
Clear PC	3A	820510	N06138855	EN166 1F CE

Face shields

Prisma



- Ultra light industrial face shield
- Suitable for light industrial work.
- Screen 18cm
- Pin-lock suspension

Screen	Coating	Blue crown	Grey crown	Marking
Clear PETG	3A	821420	821430	EN166 1S 3 CE

F500 Browguard



- Carrier made of strong Noryl
- With floating 3C headgear for extra comfort
- Screen made of propionate with extended view
- High chemical resistance

Description	Art. nr.	Marking
Grey crown	FM633174	EN166 F CE
Clear screen	FM633174	EN166 2F CE
IR5.0 screen	FM633172	5 EN166 2F CE

Face shields

Forestry Kit



Fully integrated protection suitable for agriculture and forestry environments. The set includes:

- Screen 18cm Mesh
- North 10 earmuffs SNR 29 dB
- Orange A79 hard hat

Art. nr.	Marking
839494	EN1731/ EN352-1/ EN397

VDE Electricity Screen Set



Protection against short circuit arc flash up to 1000 AC and 1500 DC volts. Set with A79 hard hat and electricity screen.

Art. nr.	Marking	Hard Hat	Marking Visor
823003	EN50365	EN397 / EN50365 Class 0	3-1.2 N EN166 1B 8 9 CE

Icons used

General



Material



Weight



Customizable



3A coating



4A coating



4A+ coating

Eye protection



Lollypop packaging



RX Insert



Replaceable lens



Pantoscopic angling

Hearing protection



SNR Value

Respiratory protection



Adjustable fit



Dust filter



Gas filter

Hand protection



EN 388



EN374.2003



EN374.2003



EN374.2003



EN407



EN511



EN421



EN421



Coating



Packaging



EN420 - Consult the instructions for use

Fall protection



Servicable



Positioning



Ladder climbing



Rescue



Descent



Fall arrest



Confined spaces



Construction working



Extended D-ring



Work restraint



Scaffolding work