

# Alternator Spectacle

Technical Datasheet



## Features

- Multi-talent spectacle for various applications
- Exchangeable lenses
- Stylish two colour frame
- Vented temples with good lateral protection
- Optional: vented insert, absorbs impacts
- Optional: non-vented dust insert, prevents from intrusion of coarse dust
- Coating Options: Sightgard (anti-fog coating with good anti-scratch properties) or OptiRock (durable high performance anti-fog coating with outstanding anti-scratch properties EN166 "KN")
- 4 lens colours for indoor & outdoor applications
- UV filter 99.9%, Light gold mirror: UV400



## Technical Specifications

General	
Weight	35 g
Temple length	166 mm
Overall width	136.5 mm
Lens thickness	2.3 mm
Lens base	8 curve
Lens size	44 mm vertical, 68.4 mm diagonal
Material & Colours	
Lens	Polycarbonate Colours: clear, smoke, amber, light gold mirror Coatings: Sightgard anti-fog and anti-scratch, OptiRock high performance anti-fog & anti-scratch according to EN 166 ("N" & "K")
Temple	Polycarbonate, blue with grey
Foam Carrier	Nylon and EVA foam
Hinge	Polycarbonate
Screw	Stainless steel
Markings / Approvals	
Standard number	EN 166
Frame marking	MSA EN 166-FT CE
Lens marking	Clear Sightgard: 2C-1.2 MSA 1 FT CE Clear OptiRock: 2C-1.2 MSA 1 FT KN CE Smoke Sightgard: 5-2.5 MSA 1 FT CE Amber Sightgard: 2-1.2 MSA 1 FT CE Light gold mirror Sightgard: 5-1.7 MSA 1 FT CE
Filter class	2C (UV radiation with enhanced colour recognition) 2 (Ultra violet radiation) 5 (Adequate protection against sun glare)
Scale number	1.2; Luminous transmittance ~89% clear, ~84% amber 1.7; Luminous transmittance ~50% lg gold mirror 2.5; Luminous transmittance ~21% smoke
Optical class	1 (best class, for permanent wear)
Mechanical resistance	F (low energy impact 45 m/s) T (at extreme temperatures -5...+55°C)
Resistance to	K (surface damage by fine particles) N (distorted vision due to lens fogging)
UV filter	99,9% (for light gold mirror UV400)

Ordering Information	
10104619	Alternator, Clear, Sightgard, 12x
10145579	Alternator, Clear, OptiRock, 12x
10104620	Alternator, Amber, Sightgard, 12x
10104661	Alternator, Smoke, Sightgard, 12x
10104662	Alternator, Light gold mirror, UV400, Sightgard, 12x
10104667	Alternator spare lenses, Clear, Sightgard, 12x
10104668	Alternator spare lenses, Clear, OptiRock, 12x
10104663	Alternator vented insert, absorbing impacts, 12x
10104664	Alternator non-vented dust insert, 12x
10104666	Alternator Value Pack, 6x (hard case includes spectacle with light gold mirror Sightgard lens UV400, Empty textile bag for 2 spare parts lenses, Vented impact foam insert, Non-vented soft cushion insert, Slip-on cord, Soft textile bag)
10145582	Alternator Premium Value Pack (hard case includes spectacle with clear Sightgard lens, Amber and smoke lens as spare parts in a textile bag, Vented impact foam insert, Non-vented soft cushion insert, Slip-on cord, Soft textile bag) 6x
Packaging	
Individual	1 pc with with slip-on cord and soft bag in polybag with manual; label EAN code39 as barcode
Box <i>MSA selling unit</i>	12 pcs with EAN code13 as barcode
Shipping carton	contains 12 boxes, with an EAN code128 as barcode
Value pack	pack of 6, Transport box contains 10 cartons

Alternator- lenses easy to exchange



Each Alternator will be delivered with 1 slip-on cord and 1 soft-bag



Inserts - easy to clip on:

10104663 Alternator vented insert, 12x



10104664 Alternator non-vented insert, 12x



10104666 Alternator Value Pack, 6x



10145582 Alternator Premium Value Pack, 6x



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