



Areas of application: See over

Cutting-edge designer protection and sports glasses in single-lens version. Length-adjustable temples for increased comfort. The wide-view single lens is made of scratch-resistant polycarbonate.

with clear lenses	= protective glasses
with sunglasses lenses	= sport and free-time activities glasses (100% ultraviolet filter to 400nm)
with EG 5	= welder's goggles

#### Variantes

0440 0000 xx CF	with clear, highly scratch-resistant polycarbonate lens
0441 0000 xx HF	with clear anti-fog polycarbonate lens
0445 0000 xx Y	with yellow polycarbonate lens
0446 0000 xx S	with smoke polycarbonate lens (Sunglasses)
0447 0000 xx EG 5	with green welding polycarbonate lens EG, shades 5

xx packaging as per price list

#### Colours

Only **blue**

#### Packing units

in polybag	1 pc.		
Packing unit (VE)	10 pcs.	in cardboard box 226x163x111	0.45 kg
Dispatch unit (VS) 28 x VE	280 pcs.	in cardboard box 800x405x410	15.5 kg
Palette 9 x VS	2520 pcs.		156.0 kg

**Fields of application**

	HF	CF
Work with compressed air	■	■
Mechanical precision work	■	■
Lathing, milling and drilling work	■	■
Cutting and buffing with spark formation	■	■
Wood and plastic processing	■	■
Laboratory work*	●	■
Construction work	▲	▲
Light grinding work, fine-grained dust, small metal splinters	■	■
Heavy grinding work coarse-grained dust, metal splinter	▲	▲

- optimal use
- ▲ possible use
- not recommended

\* Wear goggles without ventilation openings, or full-face protection, when handling corrosive substances

**Fields of application of the welder's lens 0447 0000 xx**

Protection shade	Application	Gases	Volume throughput l/h
5 UG 1 F CE	Welding and brazing	Acetylene	over 70 to 200
	Cutting	Oxygen	over 900 Cutting

**Technical data for the clear lenses**

	CF	S	HF/PY
Density (weight)	1.2 g/cm <sup>3</sup>	1.2 g/cm <sup>3</sup>	1.2 g/cm <sup>3</sup>
Tensile strength	60 to 70 N/m <sup>2</sup>	60 to 70 N/m <sup>2</sup>	60 to 70 N/m <sup>2</sup>
Impact resistance	280 KJ/ m <sup>2</sup>	280 KJ/ m <sup>2</sup>	280 KJ/ m <sup>2</sup>
100% ultraviolet filter	to 380 nm	to 400 nm	to 380 nm
Sparks sticking	no	no	no
Scratch resistance	good	good	moderate
	2-1.2 UG 1 F CE	5-2.5 UG 1 F CE	2-1.2 UG 1 F CE
All lenses are optical class 1 according to EN 166 and suitable for all day use			

**Standards' compliance**

Standard of reference	<b>DIN EN 166/170/172</b>
Protection level	Mechanical risks, visual radiation
Use area	Basic use <b>F</b> according to <b>EN 166</b> welding filter <b>EN 169</b>
Notified body	Inspec 0194

All specifications and illustrations in this data sheet are non-binding. The manufacturer reserves the right to change the specifications for manufacturing or sales technical reasons. BST / 13. September 2007

