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CE

PROTECTIVE GOGGLES

MOD. 569-I

Climax 569 goggles have been designed to offer effective protection against the impact of high-speed and low energy particles. Thus, these goggles can resist the impact of small projected objects such as wood, metal and plastic shavings, pieces of stalks and branches projected when using gardening machinery, etc. The speed of the particles must be less than 45 m/s. Their special design limits lateral vision as little as possible and thanks to their neutral optics and extreme lightness, they can be used for long periods without causing discomfort.

Description and Specifications

569-I goggles are manufactured with high-resistance materials and do not have rough or sharp edges to cause discomfort in the user. They are goggles with a universal frame and an organic single yellow eyepiece. The goggles are composed of the following elements:

Frame, securing system and side protection
The front, made in one piece, has a blue arch-shaped polyamide strip. This piece serves as an open-type eyepiece and the sidepieces are fitted to it with plastic hinges, with one hinge joint at the front and two in the sidepiece linked by a screw which they turn on and which is the only metal piece in the goggles. The front has side grooves to hold the eyepiece plus a circular pivot located in the centre.
The sidepieces are of the extendable spatula type. The closest part to the front is hollow and on its inner side it has a rectangular opening with five circular holes to hold the pivot in the other part of the rod, which is narrower, thus being able to have different extensions.
Side protection is supplied by the extension of the sides of the eyepiece.

Eyepiece
It is panoramic, neutral and made of clear polycarbonate, measuring nominally 1.6 to 2.8. The nose supports are fixed, made as an extension of the eyepiece itself, which also has two side wedges and a central orifice to secure it to the frame.

Packaging
- Box of 10 units with an information leaflet.
- Individual transparent Blister with an information leaflet.

EC Certification
Standards:
UNE-EN 166: 2002
UNE-EN 167: 2002
UNE-EN 168: 2002
Essential Requirements of R. D.1407/1992

Applications
Ideal for working in situations where there is a risk of impact of particles, such as in lather work, milling, sharpening and work with gardening machinery. 569 goggles offer effective protection against impact of small projected particles such as wood shavings , metal and plastic filings and pieces of plant stalks and sticks, successfully passing the Increased Mechanical Resistance Tests (impact of a steel ball weighing 43 g at 5.1 m/s) and Resistance to High Speed and Low Energy Impact (Steel ball weighing 0.86 g at 45 m/s).

Technical data

Resistance to ultraviolet radiation	$\Delta\tau \leq 2\%$
Light diffusion	I* ≤40 cd/(m2lx)
Spherical refractive power	(-0.05 -0.20)dp
Astigmatic refractive power	0.06 dp
Prismatic refractive power	Horiz: 0.10 cm/m
	Vert: ≤ 0.10 cm/m
Optical class	CLASS 1
Light diffusion	I* ≤0.28 cd (m2lx)
luminous transmítance	86.09 %
Increased mechanical resistance	CONFORMS
Resistance to high speed and low energy impact	CONFORMS
Resistance to high temperature	CONFORMS
Resistance to inflammation	CONFORMS

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