



SAFETY GOGGLES

51129

1. Compliance


These safety goggles were initially designed to meet the requirements of the PPE Directive 89/686/EEC and the basic health and safety requirements of the Directive EN166:2001, for Union harmonisation legislation, and originally certified. The product has been deemed to comply with PPE Regulation (EU) 2016/45 and essential Health and Safety Requirements through a risk assessment for its intended use.

2. Specification

2.1 Product

Stock No.	51129	51130
Part No.	SG	PSG1
Model No	JG101-PVC	JG104
Frame markings	JI JG101 EN166 B CE ANSI Z87.1	JI 1 JG104 EN166 3B CE ANSI Z87.1
Lens markings	JI 1 B CE ANSI Z87+	JI 1 B CE ANSI Z87+
Applicable standard	EN166	EN166
EU-type CE approved:	BSI	BSI

2.2 General

Marking	Meaning
 ®	Supplier logo
EN166	The European standard number for Personal Eye Protection Specifications
1	Optical class
ANSI Z87.1	ANSI/ISEA Z87.1 American National Standard for Occupational and Educational Personal Eye and Face Protection Devices
ANSI Z87+	Meets the requirement of ANSI/ISEA Z87.1 for impact-rated protectors
3	Goggles provide protection to Droplets and Splash Hazard under ANSI/ISEA.

2.3 Fields of Use Symbols

Code	Protection	Field of use
None	Basic	Unspecified mechanical hazards and hazards arising from ultraviolet, visible, infrared and solar radiation
3	Liquids	Liquids (droplets or splashes)
4	Large dust particles	Dust with a particle size of >5µm
5	Gas and fine dust particles	Gases, vapours, sprays, smoke and dust with a particle size of <5µm
8	Short-circuiting electric arc	Electrical arcs due to short-circuiting in electrical equipment
9	Molten metal and hot solids	Splashes of molten metal and penetration of hot solids

2.4 Impact Protection

Code	Protection	Parameters
S	Increased robustness	Ø22mm / 5.1m/s
F	Low-energy impact	Ø6mm / 45m/s
B	Medium-energy impact	Ø6mm / 120m/s
A	High-energy impact	Ø6mm / 190m/s
FT	Low-energy impact at extreme temperatures	-5°C / +55°C
BT	Medium energy impact at extreme temperatures	-5°C / +55°C

3. Health and Safety Instructions

3.1 General Safety Instructions

- Always check with your supervisor or safety officer to confirm that the protection offered by these goggles is adequate for your work environment.
- Draper Tools recommends that these goggles are not worn over prescription frames as impact energy may be transmitted to the prescription frame and create a hazard for the wearer.
- The material used in the product has been deemed hypo-allergenic; however, susceptible persons may still experience some allergic reactions.
 - The user should check for any such reaction and stop using the product if any reaction occurs.
- Draper Tools recommends that these goggles are kept in a protective bag or box when not in use.
- The lifetime/obsolescence of this product is no more than two years.

3.2 Safety Warnings

- If the symbols **F**, **B** or **A** are not present on both the lens and frame then the lower grade applies to the complete product.
- Check the goggles regularly for scratching, pitting or any other damage to the lens as this can seriously reduce the impact protection provided by the product.
 - Discard and replace damaged products immediately.

4. Packaging Requirements for Transportation

These goggles must be transported in their original packaging. If there is no packaging, use packaging that protects the product from shock, thermal hazards and exposure to moisture and light, and protects it from any product or material or substance that may cause it to deteriorate.

When not in use and during transportation, store the goggles in a cool, dry place away from light and frost, and where no chemicals or sharp objects may fall and damage it. Also ensure that the goggles will not be crushed.

5. Storage Instructions

Store these goggles at ambient temperatures between 5–40°C, RH 90% and keep them away from solvents, solvent vapours and any corrosive materials as these may seriously reduce the impact protection provided by the goggles.

6. Cleaning Instructions

Clean these goggles using soap and warm water. Though the lens is hard-coated to provide a degree of scratch resistance, they are not scratch-proof. Keep wiping of the lens to a minimum and use a soft, non-abrasive cloth.

7. Notified Bodies

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