

# SAFETY GOGGLES

**29578**

## 1. Compliance

These safety goggles have been designed to comply with PPE Regulation (EU) 2016/45, directive EN1632-1:2022 and essential Health and Safety Requirements through a risk assessment for its intended use.

## 2. Specification

### 2.1 Product

Stock No.	29578
Part No.	SG
Model No	JG101
Frame markings	16321 JI D 1-M CE
Lens markings	JI 1 D CE
Head form	1 - M (EU Medium)
Ocular material	PC (thickness 1.9mm)
Impact protection	'D' (80m/s)
Applicable standard	EN1632-1:2022
EU-type CE approved	DIN CERTO

## 2.2 General

Marking	Meaning
	Supplier logo
EN 16321	The European standard number for Personal Eye Protection Specifications
1	Optical class

## 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 $>5\mu\text{m}$
5	Gas and fine dust particles	Gases, vapours, sprays, smoke and dust with a particle size of $<5\mu\text{m}$
6	Liquids	Stream of liquid
7	Heat	Radiant heat
9	Molten metal and hot solids	Splashes of molten metal and penetration of hot solids

## 2.4 Impact Protection

Code	Protection	Parameters
C	Basic impact level	$\varnothing 6\text{mm}$ / 45m/s Orbital protection zone (OPZ)
D	Medium impact level	$\varnothing 6\text{mm}$ / 80m/s Extended orbital protection zone (EOZ)
E	High Impact level	$\varnothing 6\text{mm}$ / 120m/s Face protection zone (FPZ)
CT	Impact level C (45m/s) at extreme temperatures	$-5^{\circ}\text{C}$ / $+55^{\circ}\text{C}$
DT	Impact level D (80m/s) at extreme temperatures	$-5^{\circ}\text{C}$ / $+55^{\circ}\text{C}$
ET	Impact level E (120m/s) at extreme temperatures	$-5^{\circ}\text{C}$ / $+55^{\circ}\text{C}$

## **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.
- Goggles that have been subject to impact shall not be used and shall be discarded and replaced.
- 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 **C, D, E** 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

### **DIN CERTCO**

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GERMANY

**Notified Body number: 0196**

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