

TECHNICAL DATASHEET

UNIFIT SMOKE LENS SAFETY SPECTACLE

BETAFIT
INNOVATIVE PPE EXPERTS



PRODUCT TYPE:
Smoke Lens Safety Spectacle

STANDARDS:
BS EN166 1 FT:2002
BS EN172 5-3.1

BOX QUANTITY:
10

CASE QUANTITY:
120

Sectors:

- Construction & Infrastructure Development
- Civil & Structural Engineering
- Utilities, Maintenance & Renewable Energy
- Oil, Gas, Mining & Natural Resources
- Logistics, Supply Chain & Transportation
- Automotive & Aerospace Industries
- General & Industrial Engineering
- Consumer Goods, Food & Beverage, Paper, Packaging, Recycling & Agriculture
- Petroleum & Energy Sector

PRODUCT CODE:
UF103

Product:

A basic impact resistant safety spectacle with a smoke lens. Ideal for multiple uses, with a curved design, a lightweight comfortable fit and UV protection.

Key Features:

- High Impact protection
- Lightweight design
- Great visibility

Safety Standards:

EN166 is a European standard that specifies the requirements for personal eye protection. It applies to all types of individual eye protectors used for general safety purposes, including helmet-mounted visors.

The standard ensures protection against:

- Mechanical risks (impact, splashes, dust)
- Optical radiation
- Thermal and chemical risks

EN166 includes markings that indicate the level of protection, such as:

- Impact resistance (e.g., S = increased strength, F = low energy impact)
- Field of use (e.g., 3 = liquid droplets/splashes, 4 = large dust particles)
- Optical class (1 = best, suitable for continuous use)

EN172 is a European standard related to UV protective textiles. Specifically, it defines the requirements and test methods for fabrics that provide protection against ultraviolet (UV) radiation from the sun.

Protection Level: The standard specifies a minimum UV protection factor (UPF), typically UPF 40 or higher, indicating the fabric blocks 97.5% or more of UV radiation.

Testing: It includes methods for measuring UV transmittance through the fabric, ensuring consistent protection.

Marking: Textiles compliant with EN 172 are often marked or labeled to inform consumers about their UV protection level.

Care Instructions:

To maintain the safety and clarity of your visor:

- Use a soft cloth and mild soap or lens cleaner.
- Avoid abrasive materials or solvents (e.g., acetone) that can damage coatings.