

# 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.