

TECHNICAL DATASHEET

BETAFIT WAVE MIRROR LENS SAFETY SPECTACLES



PRODUCT TYPE:

Mirror-Finish Anti-Fog and Anti-Scratch lens Safety Spectacles

STANDARDS:

BS EN ISO 16321-1:2022
EN 172

BOX QUANTITY:

10

CASE QUANTITY:

60

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:

EW7105

Product:

A lightweight safety spectacle featuring a mirror-finish lens designed to reduce glare and provide comfortable, clear visibility in bright outdoor environments. With reliable impact protection and durable anti-scratch performance, the Betafit Wave delivers enhanced optical comfort and dependable performance throughout the workday.

Key Features:

- Mirror-Finish Lens for Glare Reduction
- Anti-fog and Anti-Scratch lens
- Optical Class 1

Safety Standards:

EN ISO 16321-1 is the updated international standard for occupational eye protection, replacing EN 166:2001. It introduces enhanced testing for impact resistance, optical clarity and fit across multiple global headforms, ensuring dependable protection in modern industrial environments. The standard covers mechanical hazards, liquid droplets, chemical splashes, radiant heat and extended high-temperature exposure. Optional performance requirements also assess resistance to surface abrasion, supporting long-lasting lens clarity.

EN ISO 16321 includes markings that indicate the level of protection, such as:

- Impact resistance levels (C, D, E) and high-mass impact approval
- Optical class rating confirming suitability for continuous use
- Coverage and fit category across multiple headform sizes
- Temperature resistance and conformity information

EN 172 is the European standard for industrial sun-glare filters. It ensures mirror lenses provide controlled light transmission, glare reduction and UV protection for outdoor work. Lens markings under EN 172 indicate the filter category, transmission limits and conformity with the standard.

Care Instructions:

To maintain the safety and clarity of your eyewear:

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