



TECHNICAL DATA SHEET

EDGE OVER Over The Spectacles

Product Introduction:

- Udyogi Edge Over Safety Spectacles are designed to offer superior protection for workers in various industrial environments.
- These are classified as over-the-spec (OTS), meaning they are designed to be worn over prescription glasses without compromising comfort or safety.
- Designed to meet EN 166:2001, CE standard, which covers requirements for optical quality, mechanical strength, and impact protection.



Features:

- Over the spectacle design-fit over most prescription glasses
- Polycarbonate lens with polycarbonate temple provides perfect impact protection around the eyes
- Modern sleek temple design contours to fit all head shapes without stress
- Hard coating on lens ensures that the lenses remain clear during using in the workplace and prevents scratches that expands shelf life
- 4-position length adjustable for all head sizes
- Fashionable design resembles spectacle, suitable for both men and women
- Resilient & durable protective eyewear for all day wear.
- Lens filters out 99.9% of harmful UV light.

Benefits:

- **Impact Resistance:** The polycarbonate lenses offer excellent resistance to high-velocity impacts, protecting the eyes from flying particles, sparks, and debris in industrial environments
- **Enhanced Comfort:** Polycarbonate is a lightweight material, reducing strain during prolonged use. The over-the-spec design provides comfort even when worn over prescription glasses.
- **Recyclable:** Polycarbonate is recyclable. After the safety spectacles reach the end of their useful life, they can be recycled, helping to reduce environmental impact.
- **Durability:** The robust construction and weather-resistant properties of the Polycarbonate shell ensure long-lasting performance, even in harsh conditions.



Product Specifications:

Model: Edge Over - Safety Spectacle

Lens Component: Polycarbonate

Temple Component: Co-injected polymer

Nose piece: integrated polycarbonate

Lens option: Clear

Optical Class: 1

Filter: 2C-1.2 (Clear)

Impact Resistance: F (45 m/s)

Coating: K (Hard Coat)

Weight: 40 grams

Packaging: 100 pcs. per carton

Standard: EN 166:2001, CE

Applications:

- Protects eyes exposed to high speed-low-energy impacts.
- Protection from flying rock, dust, debris, cement particles, metal shards, machinery hazards etc.
- Shields against liquid splashes and hazardous materials.

INDUSTRY :



Iron & Steel



Power



Automobile



Food & Breweries



Marine



Transportation



Pharmaceutical



General
Manufacturing



Oil & Gas



Chemical



Construction



Heavy
Manufacturing



Agriculture



FMCG



Safety Information :

- Avoid Exposure to High Temperatures although polycarbonate is durable, prolonged exposure to extreme heat may affect its integrity.
- Check the spectacles regularly for any cracks, scratches, or damage. Replace them if the integrity is compromised to ensure continued protection.
- Clean the lenses regularly with a soft, clean cloth to maintain clear vision. For stubborn dirt or chemical residue, use mild soap and water.

Usage Instructions :

- Place the spectacles over your prescription glasses, ensuring they fit securely.
- Adjust the temples so the spectacles sit comfortably on your nose & ears
- Ensure the lenses cover your entire eye area, providing maximum protection without obstructing your vision.

Storage :

- Can be stored in the dark for up to 1 years
- Do not store in direct / high heat or sunlight as this may distort the color
- Can be stored and transported in their original cartons at ambient temperature (0° C to +30° C)