



TECHNICAL DATA SHEET

ULTRA OVER Over The Spectacle

Product Introduction:

- Udyogi Ultra 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 IS 8521-Part-1:2022 and EN 166:2001 standard.



Features:

- Over the spectacle design-fit over most prescription glasses
- Polycarbonate lens with polycarbonate temple provides perfect impact protection around the eyes
- Anti-fog & hard coating on lens ensures that the lenses remain clear even in humid environment and prevents scratches that expands shelf life
- Modern sleek temple design contours to fit all head shapes without stress
- Lens filters out 99.9% of harmful UV light
- Fashionable design resembles spectacle, suitable for both men and women
- Integral ventilated side shield protection and soft temple tip provide comfort for long time use
- Lightweight, resilient & durable protective eyewear for all day wear

Benefits:

- **Impact Resistance:** Ultra Over 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 lens ensure long-lasting performance, even in harsh conditions.



Product Specifications:

Model: Ultra Over - Safety Spectacle
Lens Component: Polycarbonate
Temple Component: Polycarbonate
Ventilation: integral ventilated temples
Lens option: Clear & Grey
Optical Class: 1
Filter: 2-1.2 (Clear); 2-2.5 (Gray)
Impact Resistance: F (45 m/s)
Coating: K (Hard Coat) & N (Anti Fog)
Weight: 37 grams.
Temple Length: 110.2 mm.
Temple Tip Width: 94.04 mm.
Max Height of Lens: 62 mm.
Nasal Width: 31.83 mm.
Packaging: 100 pcs. per carton
Standard: IS 8521-Part-1:2022 + EN 166:2001

Variants



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:

The eyewear are utilized for their protective and practical use in various industries:



Mining



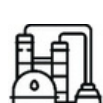
Construction



Railway



Iron & Steel



Oil & Gas



General Manufacturing



Power



Marine



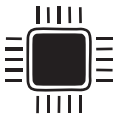
Aerospace



FMCG



Automobile



Electronics Manufacturing



Agriculture



Food & Breweries



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 2 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)