



TECHNICAL DATA SHEET

ULTRA ERGO Safety Spectacle

Product Introduction:

- Udyogi ULTRA ERGO Safety Spectacles are designed to offer superior protection for workers in various industrial environments.
- These frameless, snug fitting, polycarbonate lenses provides ideal impact protection around the eyes.
- Designed to meet EN 166:2001 standard, which covers requirements for optical quality, mechanical strength, and impact protection.



Features:

- Polycarbonate lens with co-injected temple
- Snug-fitting wraparound lens provides perfect impact protection around the eyes
- Anti-fog coating on lens ensures that the lenses remain clear even in humid environment and prevents scratches that expands shelf life
- Push & pull temple length adjustable
- Breadth adjustable hinge joints
- TPR nose pad provides extra comfort.
- Lens with dual 10 base curvature 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:** 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.

Udyogi



Product Specifications:

Model: Ultra Ergo - Safety Spectacle

Lens Component: Polycarbonate

Temple Component: Polycarbonate with TPR temple tip

Nose bridge: Soft TPR nose pad

Lens option: Clear

Optical Class: 1

Filter: 2C-1.2

Impact Resistance: F (45 m/s)

Coating: N (Anti-fog)

Weight: 33 grams.

Temple Length: 145 mm.

Width: 165 mm.

Height: 45 mm.

Packaging: 200 pcs. per carton

Standard: EN166:2001, 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:

These spectacles are utilized for their protective and practical features in various industries such as:



Iron & Steel



Power



Automobile



Food & Breweries



Marine



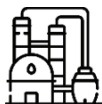
Transportation



Pharmaceutical



General
Manufacturing



Oil & Gas



Aerospace



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 cloth. Cleaning with harsh clothes can remove the coating within 2 or 3 days

Usage Instructions :

- Place the spectacles over the eyes, 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 year
- 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)