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TECHNICAL DATA SHEET

ULTRA SPORTS

Safety Spectacle

Product Introduction:

- Ultra Sports Safety Spectacles are designed to offer superior protection for workers in various industrial environments.
- These frameless, light weight, snug fitting, polycarbonate lenses provides ideal impact protection around the eyes.
- Designed to meet IS 8521-Part-1:2022 and EN 166:2001 standard, which covers requirements for optical quality, mechanical strength, and impact protection.



Features:

- Polycarbonate temple with polycarbonate lens provides impact protection
- Close-fitting unitary front with dual base curvature offers wide and unobstructed vision
- Anti-fog & hard coating on lens ensures that the lenses remain clear even in humid environment and prevents scratches that expands shelf life.
- Lens offers users the clearest and the most panoramic view without obstruction
- Lens filters out 99.9% of harmful UV light
- Fashionable design resembles spectacle, suitable for both men and women
- Stylish temple design tips contour to fit head shapes without stress

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. Soft TPE temple tip provides extra comfort for long time use.
- **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.

Udyogi294, B. B. Ganguly Street,
2nd Floor, Kolkata - 700 012E-mail : info@udyogi.net
Website : www.udyogisafety.com

Tel. : +91 33 2225 1470/71/72



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Product Specifications:

Model: Ultra Sports - Safety Spectacle

Lens Component: Polycarbonate

Temple Component: Polycarbonate/Nylon

Hinge: 3 barrel type

Lens option: Clear & Grey

Optical Class: 1

Filter: 2-1.2 (Clear); 2-2.5 (Smoke)

Impact Resistance: F (45 m/s)

Coating: K (Hard Coat) & N (Anti-fog)

Weight: 22.3 grams.

Temple Length: 116.75 mm.

Max length of lens: 43.88 mm.

Width between nose bridge: 45 mm.

Width between temple tips: 105 mm.

Hinge to hinge width: 140.79 mm.

Packaging: 200 pcs. per carton

Standard: IS 8521-Part-1:2022; EN166 :2001,CE

Variants

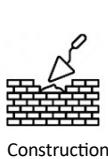


Applications:

- 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:

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



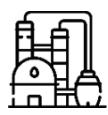
Construction



Railway



Iron & Steel



Oil & Gas



Mining



General Manufacturing



Power



Marine



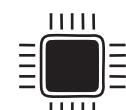
Aerospace



FMCG



Automobile



Electronics Manufacturing



Agriculture



Food & Breweries



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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)