



TECHNICAL DATA SHEET

TWISTER

Safety Spectacle

Product Introduction:

- Udyogi Twister Safety Spectacles are designed to offer superior protection for workers in various industrial environments.
- These unique feature of adjusting the breadth of temple and side extension of lens makes it suitable to provide a comfortable & secure fit.
- Designed to meet EN 166:2001, CE standard, which covers requirements for optical quality, mechanical strength, and impact protection.



Features:

- Polycarbonate temple with polycarbonate lens provides excellent impact protection
- Anti-fog & hard coating on lens ensures that the lenses remain clear even in humid environment and prevents scratches that expands shelf life
- Unique design & adjustable temple tips for customize fitting
- Modern temple design, soft TPE nose piece, soft temple tips contours to fit all head shapes without stress
- Provides non-metallic design
- Fashionable design resembles spectacle, suitable for both men and women
- Lens filters out 99.9% of harmful UV light
- Stylish temple design tips contour to fit head shapes without stress
- Lens offers users the clearest and the most panoramic view without obstruction

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 Nylon temple 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.



Product Specifications:

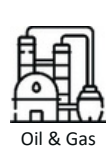
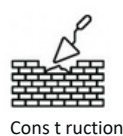
Model: Twister - Safety Spectacle
Lens Component: Polycarbonate
Temple Component: Polycarbonate
Nose piece: TPE (Thermoplastic elastomer)
Hinge: 3 barrel type
Lens option: Clear
Optical Class: 1
Filter: 2C-1.2
Impact Resistance: F (45 m/s)
Coating: K (Hard Coat) & N (Anti-fog)
Weight: 30 grams.
Packaging: 100 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:

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





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 eyes gently, 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)