



TECHNICAL DATA SHEET

NEOLITE SafetySpectacle

Product Introduction:

- Udyogi Neolite Safety Spectacles are designed for extended wear due to comfortable and flexible mechanism.
- The unique padding at the edges of the polycarbonate lenses provides sealing around the eyes and best ever protection.
- Designed to meet EN 166:2001 standard, which covers requirements for optical quality, mechanical strength, and impact protection.



Features:

- Polycarbonate lens provides excellent impact protection Soft foam padding at the edges of the
- polycarbonate lenses provides sealing around the eyes to protect from impact as well as dust.
- Unique temple design with co-injection temple tips for extra comfort
- Full wraparound 8-curved base lens offers superior impact protection & coverage
- Lens filters out 99.9% of harmful UV light
- 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
- Soft temple tips contours to fit all head shapes without stress
- Credibly light, resilient & durable protective eyewear for all day wear

Benefits:

- **Impact Resistant:** The polycarbonate lenses with foam padded offer excellent resistance to high-velocity impacts, protecting the eyes from flying particles, sparks, dust & debris in industrial environments.
- **Enhanced Comfort:** Soft temple tip provides extra comfort for long time use.
- **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: Neolite - Safety Spectacle

Lens: 8 curve based polycarbonate

Temple Component: Co-polymer

Frame: internally foam padded

Headband quick-release: Nylon

Hinge: Polycarbonate

Lens option: Clear

Optical Class: 1

Filter: 2C-1.2

Impact Resistance: F (45 m/s)

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

Weight: 35 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:

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



Construction



Railway



Automobile



Iron & Steel



Mining



Oil & Gas



Marine



General
Manufacturing



Power



Aerospace



FMCG



Agriculture



Food & Beverages



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)