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## TECHNICAL DATA SHEET

### UD 30 Over The Spectacle

#### Product Introduction:

- Udyogi UD-30 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:

- Polycarbonate lens with polycarbonate temple provides excellent impact resistant.
- Lens provides perfect impact protection around the eyes.
- The hard-coated lenses resist scratches, keeping the lenses clear and maintaining optimal vision for long period of time.
- Lens filters out 99.9% of harmful UV light
- The OTS design allows the spectacles to fit comfortably over prescription eyewear.
- Integral ventilated side shield protection and soft temple tip provide comfort for long time use.
- Incredibly light, resilient & durable protective eyewear for all day wear.

#### Benefits:

- **Cost-Effectiveness:** By providing reliable protection, UD 30 helps reduce workplace injuries, leading to lower costs.
- **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:** 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.

#### Udyogi



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### Product Specifications:

**Model:** UD 30 - Safety Spectacle  
**Lens:** Component: Polycarbonate  
**Temple Component:** Polycarbonate  
**Ventilation:** integral ventilated temples  
**Lens option:** Clear & Grey  
**Optical Class:** 1  
**Filter:** 2-1.5 (Clear) ; 2-2.5 (Grey)  
**Impact Resistance:** F (45 m/s)  
**Coating:** K (Hard Coat)  
**Weight:** 50 grams.  
**Temple Length:** 121 mm.  
**Temple Tip Width:** 82.7 mm.  
**Max Height of Length:** 61 mm.  
**Nasal Width:** 34.5 mm.  
**Packaging:** 100 pcs. per carton  
**Standard:** IS 8521-Part-1:2022 + EN 166:2001

### Variants



Grey

### 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



Mining



Automotive



Manufacturing



Oil & Gas



Aerospace



Iron & Steel



Power



Marine



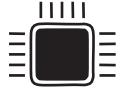
FMCG



Logistics



Plastic  
Manufacturing



Electronics  
Manufacturing



Agriculture



Food  
Processing



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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 1 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)