



TECHNICAL DATA SHEET

2381

Prescription Frame

Product Introduction:

- Udyogi Safety 2381 Prescription frames are designed to offer protection for workers in various industrial environments.
- This frame is light weight, snug fitting, customized polycarbonate lenses provides ideal impact protection around the eyes.
- Designed to meet **EN 166: 2001**, CE standard, which covers requirements for optical quality, mechanical strength, and impact protection.



Features:

- Polycarbonate frame with soft co-injected temple tip
- Soft nose and temple tips provides extra comfort
- Eye shield for side eye protection
- Prescription lens provides perfect impact protection

Benefits:

- **Impact Resistance:** The polycarbonate frame offers excellent resistance to high-velocity impacts, protecting the eyes from flying particles, sparks, and debris in industrial environments
- **Enhanced Comfort:** Soft TPR temple edges 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 frame ensure long-lasting performance, even in harsh conditions which lowers purchasing safety spectacles multiple times.

Udyogi



Product Specifications:

Model: 2381 – Prescription Frame

Lens (Optional): Plano or powered lens

Lens Component: Polycarbonate
Powered
CR39

Temple Component: Co-injected with polycarbonate & rubber

Filter: 2C-1.2 [Customized]

Coating: Hard coat (K) & Anti Fog (N) [Customized]

Impact Resistance: F (45 m/s) [Customized PC lens]

Weight: 28 grams.

Temple Length: 160 mm.

Width: 150 mm.

Height: 50 mm.

Nose width: 24 mm.

Packaging: 20 pcs. per box

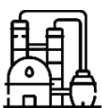
Standard: EN166 :2001,CE.

Applications:

- Protects eyes exposed to high speed & 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



Oil & Gas



Iron & Steel



Power



Chemical



Pharmaceutical



Mining



Heavy
Manufacturing



Construction



Automobile



Food & Breweries



Wood Industry



Agriculture



Marine



Aerospace



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 :

- Hold the spectacles by the frame, positioning the lenses in front of your eyes.
- Ensure the temple stays straight while placing the spectacle over eyes.
- Ensure a proper proper fit to avoid accidents.
- To take it off gently hold the temple and take the spectacles away from your face.

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)