



TECHNICAL DATA SHEET

FC 48

Sheeted Polycarbonate Visor

Product Introduction:

- Udyogi FC 48 Face Shield is durable and resistant to impacts, providing excellent protection against flying debris and potential hazards in industrial settings, which is compatible with A3, AL3, FC 200 and B10R
- This hard coated visor covers requirements for mechanical strength, and impact protection. optical quality.



Features:

- These visors are designed to easily attach to standard industrial helmets with A3, AL3, FC 200 & B10R carriers, ensuring a secure fit and convenient use.
- Durable polycarbonate sheeted, transparent visor that extend fully to cover a wearer's face.
- Hard coating on lens ensures that the lens prevents scratches that expands shelf life
- Provides wide vision
- Edges fitted with aluminium beading for easy adjustment to face contour.
- Protections against low-speed impact
- Protective aluminium films on both sides (Prevent damages and scratches during transportation)
- Fits over the spec & face mask

Benefits:

- **Impact Resistant:** The polycarbonate visor offers excellent resistance to high-velocity impacts, protecting the eyes from flying particles, sparks, and debris in industrial environments.
- **Lightweight:** FC 48 is lightweight, making it comfortable for prolonged wear without adding significant weight to the helmet.
- **Recyclable:** It is recyclable. After the safety spectacles reach the end of their useful life, they can be recycled, helping to reduce environmental impact.
- **Durability:** The construction and weather-resistant properties of the visor ensure long-lasting performance, even in harsh conditions.

Udyogi



Product Specifications:

Model: FC 48 – Face Shield
Visor Component: Polycarbonate
Compatibility: A3, AL3, FC 200 & B10R
Visor option: Clear
Optical Class: 1
Filter: 2C-1.2
Impact Resistance: F (45 m/s)
Coating: K (Hard Coat)
Weight: 129.5 grams
Size: (8 X 15.5) inch (203 mm X 394 mm)
Thickness: 1 mm
Packaging: 100 pcs. per carton
Standard: EN166 :2001, CE

Applications:

- Shields workers from flying rock, dust, debris, cement particles, metal shards, machinery hazards etc.
- Protects the face and eyes from splashes and exposure to harmful substances.
- Maintains high optical clarity and minimizes distortion, ensuring precise visibility during critical tasks.

Industry:

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



Pharmaceutical



Chemical



Cement



Iron & Steel



Metal Mining



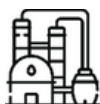
Construction



Textile and Glass



Automobile



Oil & Gas



Marine



Electric Utility



FMCG



Safety Information :

- Avoid Exposure to High Temperatures although polycarbonate is durable, prolonged exposure to extreme heat may affect its integrity.
- Check the face shield regularly for any cracks, scratches, or damage. Replace them if the integrity is compromised to ensure continued protection.
- Clean the visor regularly with a soft, clean cloth to maintain clear vision. For stubborn dirt or chemical residue, use mild soap and water.

Usage Instructions :

- Securely align the face shield's mounting bracket with the helmet's designated attachment points.
- Lock the shield securely onto the helmet.
- Once attached, adjust the face shield to your desired position by moving it up or down.
- Ensure the shield covers your entire face for full protection

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)