



TECHNICAL DATA SHEET

6PAU Welding Sheild

Product Introduction:

- Udyogi 6 PAU Welding Shield is a vital safety tool used to protect welders from harmful radiation, sparks, and debris during welding operations and potential hazards in industrial settings.
- By ensuring both protection and comfort, this welding shields help improve safety and efficiency, enabling welders to work with precision and reduced risk.



Features:

- These flip type front window with clear and DIN glass, extend fully to cover a wearer's face
- Designed to worn with Udyogi Ultra 5000 series helmet.
- Provides full protection against arc splashes, spatters etc.
- Attached in a slot of 15 mm. length.
- Hard coating on visor.
- Protections against high-speed particles.
- Fits over the spec & face mask
- Protections against high-speed impact

Benefits:

- **Flexibility:** Co-polymer shields are more flexible, reducing cracking and wear over time.
- **Lightweight:** 6PAU welding shields are very lightweight, making it comfortable for prolonged wear without adding significant weight to the helmet.
- **Recyclable:** Recycling polypropylene contributes to a circular economy, minimizing environmental impact and resource usage.
- **Durability:** Modern welding shields, especially those made of co-polymers, offer enhanced durability, flexibility, and heat resistance, ideal for industrial environments.

Udyogi



Product Specifications:

Model: 6PAU – Welding Shield

Shield Component: Co-polymer

Slot length: 15 mm.

Clip attachment: Non-universal (UDYOGI ultra helmet)

Window size: (4.5 X 3.5) inch; (114 mm X 89 mm)

Weight: 290 grams

Packaging: 1 pc. per box

Applications:

- Essential for welders working on large-scale projects.
- 6 PAU are used in industrial and construction settings to protect workers from harmful radiation, sparks, and hot debris during welding processes
- Provides protection during metal cutting, grinding, and brazing tasks by shielding the face and eyes from flying particles and heat.

Industry:

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



Welding



Iron & Steel



Metal Mining



Pharmaceutical



Chemical



Cement



Construction



Textile and Glass



Automobile



Oil & Gas



Marine



Electric Utility



Safety Information :

- Always wear the shield in appropriate environments as it has temperature limits.
- Check the face shield regularly for any cracks, scratches, or damage. Replace them if the integrity is compromised to ensure continued protection.
- Clean the shield with mild soap and water after use. Avoid harsh chemicals that could weaken the material.

Usage Instructions :

- Align the side clips on the welding shield with the attachment points on your helmet. Firmly press both clips until they securely lock into place.
- Once attached ensure it gives full face protection without obstructing your vision or comfort
- Ensure the shield is firmly clipped and won't detach during use.

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)