

PREMIUM MOULDED CUP RANGE

9400 PRO WELDER SERIES CARBON

Carbon self-extinguishing, flame-retardant, full-face seal, providing protection against solid and liquid nonvolatile particles. Our moulded cups also offer a better fit and seal through clever design that is both flexible and comfortable. Well suited to a diverse group of face and nose shapes. Exhalation valve eases the action of breathing out, reduces both heat and moisture in the mask.

MOULDED CUP DESIGN
Concave shape allows for a better fit and higher sealing

NOSE CLIP
3mm flexible nose clip for highest seal and comfort

NOSE PAD
Soft sponge seal for comfort on nose bridge.

ELASTANE HEAD STRAPS
Adjustable
Easy donning
No hair tangling
No pressure

INNER FACE-SEAL
Highest sealing around the most critical area. Comfort on pressure point

90GSM ACTIVATED CARBON MEDIA

FLAME RETARDANT OUTER LAYER
Keeps nasty welding splats from burning through the mask. Perfect for welding applications

MAXI-BREATHE VALVE
Low breathing resistance valve, release warm/humid exhaled air

ELECTROSTATICALLY CHARGED MELTBLOWN FILTERING MEDIA
Maxi breathe filtering material offers environmental filtration and very low resistance

INDIVIDUALLY PACKAGED ●
Each mask is sealed in a plastic sleeve ensuring it stays clean and hygienic

| Class | Threshold | Description |
|-------|-----------|--|
| FFP2 | 10x | Intermediate protection against hazardous and harmful, vapour and smoke particles that are not radioactive, nor airborne biological substances from risk group 3, nor enzymes. |

AREAS OF APPLICATION

| ACTIVITY | HARMFUL SUBSTANCES | PROTECTION CLASS | | |
|------------------------------|---------------------------|------------------|------|------|
| | | FFP1 | FFP2 | FFP3 |
| Wood Processing | | | | |
| Soft Wood: cutting & sanding | fine particles, wood dust | | ✓ | |
| Paint: brushing & sanding | fine colour particles | | ✓ | |

| ACTIVITY | HARMFUL SUBSTANCES | PROTECTION CLASS | | |
|--|--------------------------------|------------------|------|------|
| | | FFP1 | FFP2 | FFP3 |
| Construction and Ancillary Building Industry | | | | |
| Cement: working, plastering, tiling, roofing | cement/plaster/tile/brick dust | | ✓ | |
| Masonry: cutting, drilling, demolition | cement/plaster/tile/brick dust | | ✓ | |
| Roof Insulation: glass/mineral fibres | dust & fibres | | ✓ | |
| Body Fillers/Stopppers: grinding | dust | | ✓ | |
| Welding | | | | |
| Welding: aluminium & stainless steel | metal/oxide fumes | | ✓ | |
| Brazing: | fumes | | ✓ | |
| Metalwork | | | | |
| High-alloy Steels: drilling, grinding, milling, angle grinding | metal dust | | ✓ | |
| Stainless Steels: drilling, grinding, milling, angle grinding | metal dust | | ✓ | |
| Waste Disposal and Cleaning | | | | |
| Refuse: separation and disposal | dust/fungi | | ✓ | |
| Medicine and Healthcare | | | | |
| Allergies, Pollen, Household Dust, Animal Fur | dust/particles/spores | | ✓ | |

TECHNICAL DATA SHEET

GENERAL DATA

| | |
|--------------|---|
| Manufacturer | U-Mask™ Solely owned by Universal Safety Products Products (Pty) Ltd, in Centurion, South Africa. |
| Designation | Particle Filtering Half Mask |
| Intended use | Protection against Solid and liquid non-volatile particles. Scope of protection is indicated by product documentation, technical standard, and installed application rules. |
| Standards | EN149:2001 + A1:2009 "Particle Filtering Half mask" |
| Approval | NRCS/8072/0243. Homologation of respiratory equipment, testing and approval by accredited and notified NRCS - National Regulator for Compulsory Specifications |

DESIGN/MODEL

| | | | | |
|---------------------|--|--|--|--|
| Material | Particle Filtering: Material: | Meltblown filtering media, 990gsm Carbon Media with Flame Retardant Outer Layers | | |
| | Elastane Head strap: | Latex free spandex | | |
| | Nose clip: | Aluminium nose piece | | |
| | Full Face Seal: | Yes | | |
| | Exhalation valve: | Yes | | |
| Model principle | 9400 Pro Welder Series FFP2 U-Mask consists of 5 layers, nonwoven, High electrostatic charged filtering media plus Carbon 9400 Pro Welder Series FFP2 U-Mask | | | |
| Shelf life/Efficacy | 3 years | | | |
| Dimension | 149mm x 150mm | | | |

PERFORMANCE

Min. DATA IN ACCORDANCE WITH STANDARD, INCL LOADING TEST WITH 120 MG PARAFIN OIL.

| | | | | |
|----------------------|----------------------|------------------|------------------|-----------------------|
| Particle performance | Standardised Testing | 0,3 Micron | FFP2: EN149:2001 | FFP2: U-Mask 9400 Pro |
| | Test aerosols: | | | |
| | Min. Efficiency. | Sodium Chloride: | 94% | 99% |
| | | Paraffin oil: | 94% | 99% |
| Breathing resistance | Inhalation | - 30 litres/min, | Max.0,7 | 0,6 |
| | Inhalation | - 95 litres/min | Max.2,4 | 2,1 |

PACKAGING

| | |
|-------------------|---|
| Packing | Label: 9400 Pro Welder Series FFP2 +Valve + Carbon NR D: markings in accordance with EN 149:2001 + A1:2009, expiry date, producer, and approval number. Each PRM packaging unit contains instruction for application/use. |
| Units per Package | 9400 Pro Welder Series range is packed individually and sealed in a plastic sleeve. 5pcs. valved masks Per PRM Box. |