

| AREAS OF APPLICATION | | |
|--|--------------------------------|------------------|
| ACTIVITY | HARMFUL SUBSTANCES | PROTECTION CLASS |
| | | FFP1 |
| Wood Processing | | |
| Soft Wood: cutting & sanding | fine particles, wood dust | ✓ |
| Paint: brushing & sanding | fine colour particles | ✓ |
| 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/Stoppers: 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/8072/0263. 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 | | |
| | Nose Pad: | Soft Sponge | | |
| | Exhalation valve: | Yes | | |
| Model principle | 9400 FFP2 CARBON + VALVE NR D U-MASK consists of 5 layers, nonwoven, High electrostatic charged filtering media plus Carbon | | | |
| Shelf life/Efficacy | 3 years | | | |
| Dimension | 142mm x 124mm | | | |

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 |
| | 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 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 PRM range is packed individually and sealed in a plastic sleeve. 5pcs. valved masks Per PRM Box. |