

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/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/8072/0263. 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		
	Full Face Seal:	Yes		
	Exhalation valve:	Yes		
Model principle	9400 FFP2 PRO WELDER SERIES U-MASK consists of 5 layers, nonwoven, High electrostatic charged filtering media plus Carbon			
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 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.