

AREAS OF APPLICATION				
ACTIVITY	HARMFUL SUBSTANCES	PROTECTION CLASS		
		FFP1	FFP2	FFP3
Wood Processing				
Hard Wood (oak/beech/tropical/etc.): cutting & sanding	fine particles, wood dust			✓
Paints Containing Chrome: brushing & sanding	fine colour particles			✓
Soluble Paints Containing Copper/Chrome/Arsenic: painting	fine paint mist			✓
Construction and Ancillary Building Industry				
Asbestos: short periods of work	fibres			✓
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				
Medical waste: disposal	bacteria/spores			✓
Radioactively Contaminated Particles	dust			✓
Agriculture				
Animal Epidemics & Treatment of Animals with Diseases	bacteria/viruses			✓
Work with Fungal Spores	spores			✓
Medicine and Healthcare				
Bacteria, Viruses, Infections, Legionella Bacteria	bacteria/viruses			✓

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/8072/0244. Homologation of respiratory equipment, testing and approval by accredited and notified NRCS - National Regulator for Compulsory Specifications

DESIGN/MODEL

Material	Particle Filtering Material:	Electrostatically Charged Non-Woven + Tri-Charged Filtering Media		
	Elastane Head strap:	Latex free spandex		
	Nose clip:	Aluminium nose piece		
	Nose Pad:	Soft Sponge		
	Exhalation valve:	Yes		
Model principle	9300 FFP3 NR D U-MASK consists of 4 layers, nonwoven, High electrostatic charged filtering media			
Shelf life/Efficacy	3 years			
Dimension	127mm x 155.5mm			

PERFORMANCE

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

Particle performance	Standardised Testing	0,3 Micron	FFP3: EN149:2001	FFP3: 9300 U-Mask
	Test aerosols:			
	Min. Efficiency.	Sodium Chloride:	99%	99,9%
		Paraffin oil:	99%	99,8%
Breathing resistance	Inhalation	- 30 litres/min,	Max.1,0	0,3
	Inhalation	- 95 litres/min	Max.3,0	1,0

PACKAGING

Packing	Label: 9300 FFP3 Valve NR D: markings in accordance with EN 149:2001 + A1:2009, expiry date, producer, and approval number. Each PRM plastic packaging unit contains instruction for application/use PRM range is packed individually and sealed in a plastic sleeve.
Units per Package	15pcs. Valved masks Per PRM Box.