

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	✓
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	✓
Metalwork		
Metal: 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 NR
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 Permit Number: #SP14/2021. 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 Meltblown Media
	Elastane Head strap:	Latex free spandex
	Nose clip:	Galvanised steel covered in PP Plastic nose piece
	Nose Pad:	Soft Sponge
	Exhalation valve:	No
Model principle	5000 Series FFP2 NR U-MASK consists of 4 layers, nonwoven, High electrostatic charged filtering media.	
Shelf life/Efficacy	3 years	
Dimension	105mm x 160mm	

PERFORMANCE				
Min. DATA IN ACCORDANCE WITH STANDARD, INCL LOADING TEST WITH 120 MG PARAFIN OIL.				
Particle performance	Standardised Testing		FFP2: EN149:2003	FFP2: U-Mask 5000
	Test aerosols:			
	Min. Efficiency.	Sodium Chloride:	94%	98%
		Paraffin oil:	94%	98%
Breathing resistance	Inhalation	- 30 litres/min,	Max.0,7	0,4
	Inhalation	- 95 litres/min	Max.2,4	1,7

PACKAGING	
Packing	Label: 5000 FFP2 NR: markings in accordance with EN 149:2001 + A1:2009, expiry date, producer and approval number. Each premium plastic packaging unit contains instruction for application/use
Units per Package	5000 series range is packed individually sealed in a plastic sleeve. 20 units per premium box.