



# NAFASHield<sup>®</sup> 100

CIRN 100:05:2020 \*\*\*

Best Protection, Affordable And Designed To Meet Demands Of Various Industries And Other Hazardous Conditions

## P3 R D HALF MASK RESPIRATOR WITH FILTERS

UK Technology. Manufactured In Malaysia !



DOSH APPROVAL  
JKKP RP 02/20



### MAXIMUM FILTRATION

Removes 99.99% of airborne particles - 0.3 microns



### MAXIMUM BREATHABILITY

Lowest breathing resistance of any half mask on the market.



### MAXIMUM VISIBILITY

Sleek unobtrusive design to accommodate visors, helmets, spectacles & other PPE.



### MAXIMUM COMFORT

Latex & silicone free TPE medical grade face seal so it can be worn for 8+ hours.

**APF20**  
ASSIGNED PROTECTION FACTOR 20



Conforms to **EN140**



\*To view copy of SIRIM certificate please visit our website at [www.farzimedicare.com.my](http://www.farzimedicare.com.my)

## FEATURES & BENEFITS

### 1 QUICK RELEASE STRAP

Single piece head & neck strap with quick release clip for easy adjustment.

### 2 NON-ALLERGENIC MASK

Manufactured from high-grade materials the TPE mask body is Latex & silicone free.

### 3 EXHALATION VALVE

Downward facing valve ensures no exhalation fumes steam or fog glasses/goggles.

### 4 SAMPLE PORT

Built in for non-destructive face fit testing.

### 5 REPLACEABLE FILTERS

Twin HEPAC(R) pleated encapsulated filter provides 99.99% filtration.

### 6 PRE FILTER

Attached as standard prolonging life of filter & extra dust loading capability.

### 7 GRILL LOUVRES

Specific angles to allow air passage for maximum breathing.

### 8 GRILL PROTECTION

Protects 100% of the filter surface area from particulates directly clogging the filter ensuring better filtration efficiency & breathing resistance.



MAXIMUM  
FILTRATION



MAXIMUM  
BREATHABILITY



MAXIMUM  
VISIBILITY



MAXIMUM  
COMFORT



### PROTECTION AGAINST

- Airborne Particles
- Oil Aerosols
- Mists
- Welds
- Fumes
- Dust
- Asbestos
- Plaster
- Concrete
- Silica Dust
- Bacteria/Viruses

### SUITABLE FOR

- Construction
- Welding
- Woodworking
- Oil & Gas Industry
- Automotive
- Agriculture
- DIY
- Firefighters
- Police Firearms
- Pharmaceutical
- Mining & Quarrying
- Food Industry



**P3 R D HALF MASK RESPIRATOR**  
**WITH FILTERS**  
**UK Technology. Manufactured In Malaysia !**

NAFAShield 100 P3 R D Half Mask Respirator is manufactured under license in Malaysia !!, based on UK Technology, with certification under EN Standard and further verified and certified by SIRIM. It is a reusable half mask which provides complete respiratory protection against solid dust particles, metal fumes and liquid mists. A product that acts as 'shield' for breathing based on its inbuilt features encompassing of high level filtration efficiency which comply to the more comprehensive EN140 Standards for the respirator for NON-GENERAL APPLICATIONS. These compliance are achieved whilst still retaining its best comfort including compliance to EN testing on the product's Face Fitting for its users which will ease the need for the users to be subjected to periodic FIT TEST. The product passed the certification testing for its REUSEABLE features, yet at the same time DISPOSABLE after significant multiple times of use, making it affordable and cost effective for its intended most important use when dealing with respiratory hazards exposures in our ever challenging daily life. The products are branded as NAFAShield. The NAFAShield name is inspired and derived from :

- N 100/99/95
- A pproved
- F iltration
- A ided
- S hield = 'NAFAShield'

'NAFAS' in the local language which originated from Arabic word نَفَس, is translated as 'breath' in English. Therefore "NAFAShield" amazingly referring to "breath shield" !!! which exactly relates to the purpose of the device. The NAFAShield 100 P3 R D Half Mask Respirator outperforms any other safety respirators in its category.

Refer to the Table as illustrated below. The initials "R D" means Reusable ("R") and it passed the Dolomite test ("D") which is part of the EN140 elements for test on reusability. Very few respirators capable to pass the "R D" rating given by the Certification Agency. Therefore, the NAFAShield 100 P3 R D Half Mask Respirator is reusable: depending on the environment in which it is used, and the frequency of use. It can be used and last several weeks or even several months depending on the severity of its application conditions and if it is well taken care of. It is highly recommended to use carrying case to store the mask in a proper way. Based on the performance from data provided by the Certification Agency's standard measurements, the NAFAShield 100 P3 R D Half Mask Respirator record ;

- **Filtration efficiency: 99.999%:** better than the majority of the P3 (N/P100) respirators (P3 is the highest protection level for half masks) that perform to 99.95% minimum requirements.
- **Inward leakage: 0.14%,** to pass the inward leakage have to be < 5% according to the EU Standards. This is due to the very efficient face seal.
- **From 1,000,000 particulates, only 1,410 penetrate.** Comparatively an N95 is allowed to have 110,000 particulates pass through (N99: 50,000).
- **Comfort for user: breathing resistance is lower than any other protective masks on the market,** including lower performance masks such as the N95.

The NAFAShield 100 P3 R D Half Mask Respirator safety respirator which provides the highest protection and best comfort of all masks in its category in the market !!. As it stands now, the next device which is 1 step higher than the NAFAShield 100 P3 R D Half Mask Respirator would be the Purified Air Powered Respirator (PAPR) which has Permitted Particle Penetration of 0 (zero). The NAFAShield 100 P3 R D Half Mask Respirator, is indeed your next best choice!!.

**Performance of NAFAShield range of Masks V Mask standards**

STANDARDS	DISPOSABLE MASKS - EN149			HALF FACE MASKS - EN140			
	TEST STANDARD REQUIREMENTS			Actual Test	TEST STANDARD REQUIREMENTS		Actual Test
TEST CRITERIA V MASK GRADE	FFP1	FFP2	FFP3	NAFAShield 99	P2	P3	NAFAShield 100
Breathing resistance (per minute)	0.6mb @ 30L max. 2.1mb @ 95L max.	0.7mb @ 30L max. 2.4mb @ 95L max.	1.0mb @ 30L max. 3.0mb @ 95L max.	0.55mb @ 30L max. 2.01mb @ 95L max.	0.7mb @ 30L max. 2.4mb @ 95L max.	1.2mb @ 30L max. 4.2mb @ 95L max.	0.38mb @ 30L max. 1.26mb @ 95L max.
Inward Leakage	< 25%	< 11%	< 5%	0.14%	< 5%	< 2%	0.14%
Filtration Efficiency	Min. 80%	Min. 94%	Min. 99.9%	99.78%	Min. 94%	Min. 99.95%	99.999%
Permitted Particle Penetration	250,000 Particles	110,000 particles	50,000 particles	< 3,600 particles penetrate	50,000 particles	20,000 particles	< 1,410 particles penetrate
USA NIOSH Equivalent	N/A	N95	N99	N99	R/P100	N/P100 (99.97%)	N/P100

**PRODUCT DISCLAIMER**

NAFAShield 100 P3 R D Half Mask Respirator product offers are correct as at issuance of this document or in any of our related publications. The technical information presented herein is correct and best to our knowledge. However, the manufacturer reserves the right to make changes where applicable without any form of prior notice. The NAFAShield 100 P3 R D Half Mask Respirator product performance as claimed in this document or in any of our publications, is based on testing under controlled conditions according to the testing regimentation set by and strictly complying to the stated test-standards. The manufacturer and its authorized agents are not responsible for variation in the product performance when applying the device under non-standard non-controlled conditions resulting in product performance differ than those stated herein. Users are strongly advised to be alert on the conditions they are exposed to and any application of this device under those conditions are at their own risks. Users must closely follow all recommended cautionary measures by the relevant authorities and specialists.

**PURCHASE ONLY FROM OUR AUTHORISED DISTRIBUTOR \*\***

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Global brands of quality medical devices.  
 Previously known as  
 First And Red Zone Instrument Malaysia (F-A-R-Z-I-M)  
 Medical Device Authority (MDA) Reg. No. : KP 570 828 7315  
 ROC Reg. No. : 200901022838 (865937-P)



*...its for the best, ...only from the best !*

\* To view copy of SIRIM certificate please visit our website at www.farzimmedicare.com.my  
 \*\* CHECK WITH US ON THE DISTRIBUTORSHIP STATUS  
 \*\*\*To ensure we provide best service and latest information, check in our website for our catalogue with latest Catalogue Issue Reference Number CIRN which superceeded and nullified all earlier versions.