

## Technical Data Sheet

### Comfort Respirator Series

#### Product description

Respirators of the Comfort series protect the wearer against dusts, aerosols and non-volatile, fluid particles.

Equipped with high-performing materials, the Comfort respirator series ensures highest filter performance with low breathing resistance. It offers maximum comfort even after prolonged wearing.

The two-part foldable design is easy to handle and saves space when stored.

The nose clip is colour coded (FFP1: yellow, FFP2: white, FFP3: blue), can be easily adapted to the individual nose shape and makes the respirator detectable.

#### Classification

This respirator is a Category III Personal Protective Equipment and is fully certified in accordance with the Regulation (EU) 2016/425 on Personal Protective Equipment (PPE).

EU Type examination and surveillance are performed by BSI Group The Netherlands B.V., Say Building, John Keynesplein 9, 1066 EP, Amsterdam, Netherlands, Notified Body No. 2797.

#### Standards

The Comfort respirator series is tested accordingly to EN 149:2001 + A1:2009 and also complies with the voluntary dolomite dust clogging test.

The total inward leakage meets the following requirements.

Class	Total inward leakage
FFP1	22 %
FFP2	8 %
FFP3	2 %

The filter penetration meets the following requirements.

Class	Maximum penetration	
	NaCl 95 l/min	Paraffin oil 95 l/min
FFP1	20 %	20 %
FFP2	6 %	6 %
FFP3	1 %	1 %

The breathing resistance meets the following requirements.

Class	Maximum permissible breathing resistance (mbar)		
	inhalation		exhalation
	30 l/min	95 l/min	160 l/min
FFP1	0,6	2,1	3,0
FFP2	0,7	2,4	3,0
FFP3	1,0	3,0	3,0





Inflammability meets the requirements of EN 149: 2001 + A1: 2009: All materials pose no danger to the user and are not readily flammable.

#### Material

Exterior & Interior:	Polypropylene nonwoven
Supporting layer:	Polyester nonwoven
Filter medium:	Polypropylene
Nose piece:	Iron wire covered by polyethylene, detectable
Elastic band:	Latex free synthetic rubber
valve case:	Polypropylene

*All materials used are free from irritant substances.*

## Product variants

REF	Klasse	Ventil	
241F	FFP1 NR D	Without valve	
242F	FFP2 NR D	Without valve	
242FV	FFP2 NR D	With valve	
243FV	FFP3 NR D	With valve	

## Packaging

REF	GTIN	Packed	Quantity
241F	4049825000044	Box	20
		Carton	240
242F	4049825000082	Box	20
		Carton	240
242FV	4049825000099	Box	20
		Carton	240
243FV	4049825000136	Box	20
		Carton	240

## Application

Respirators of the Comfort series protect the wearer against solid and fluid aerosols up to 4, 10 or 30 times the Occupational Exposure Limit (OEL), as indicated in the table below.

DACH Schutzbekleidung always recommends selecting the highest protection class against substances classified as CMR substances.

Class	X times the OEL value*	Remarks, Restrictions
FFP1	4	Not against substances classified as CMR substances or radioactive and airborne biological agents classified in risk groups 2 and 3 and enzymes.
FFP2	10	Against substances classified as CMR substances radioactive and airborne biological agents classified in risk group 3 and enzymes only after risk assessment (see selection principles of the DGUV regulation 112-190).
FFP3	30	

\*National regulations must be followed.

## Requirements for use

National regulations must be followed, eg. DGUV Rule 112-190 (BGR 190) "Use of respiratory protective equipment", BGI 504-26 "Selection criteria for special occupational medical precaution according to the professional association principle", G26 "Respiratory protective devices".

The instructions for use must be read and followed. The user must be familiar with the use and handling of the device.

The oxygen content of the breathing air must be at least 17 vol%. (DACH recommends 19 vol%).

Unventilated containers, pits, channels and small spaces must not be entered with particle filtering half masks.

The type and concentration of hazardous substances must be known.

Particle filtering half masks do not protect against gases.



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The respirator is not suitable for users with heavy facial hair or deep scars around the sealing lines of the mask.

### **Wearing time**

One working shift. For hygienic reasons, the respirator for medical use must be disposed of after use.

### **Storage**

Store in a dry environment, no of direct sunlight in its original packaging, see also packaging. The product has a shelf life of 3 years if the recommended storage conditions are followed.

### **Disposal**

This product can be thermally recycled or disposed in a controlled landfill without releasing toxic substances.

The disposal of contaminated products must be determined by its contamination. Please follow the respective laws and regulations.

