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Brøndby, 23 July 2020
120-29622.03
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masl/szp

Test Report

TYPE - RespiPro VK - CODE - RPVK-LMS-000

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Test report

Object: Test of mask marked "KN95"
Samples received: 14.07.2020
Sampling by: Respilon Trade s.r.o.
Method: RFU 02.075 version 2
Test date: 15.07.2020-17.07.2020

Results:

All results must meet the requirements stated in EN 149:2001 + A1:2009.

§ 8.2 Visual inspection

The mask was of uniform nude material and without valve. The mask had white straps that fit around the ears. A hook was included in the packaging to adjust the straps.

§ 8.4 Practical performance

Practical performance was performed by one test subject in accordance with the specifications in RFU 02.075 version 2.

	Comments
a) Head harness comfort	The straps itch a bit at top of the ears
b) Security of fastenings	Ok
c) Field of vision	Ok
d) Maintenance of face seal	The mask slips a bit when crawling
e) Other comments	

Table 1: Practical performance.

§ 8.7 Carbon dioxide content of the inhalation air

The requirements of EN 149:2001 + A1:2009 is listed in the table below.

Carbon dioxide content of the inhalation air	Measurement (%)
Requirements (mbar)	<1
"KN95" mask	0,67 0,51 0,69

Table 2: Carbon dioxide content of the inhalation air

§ 8.9 Breathing Resistance

The requirements of EN 149:2001 + A1:2009 is listed in the table below.

Breathing Resistance	(Inhalation, 30 l/min) (mbar)	(Inhalation, 95 l/min) (mbar)	(Exhalation, 160 l/min) (mbar)
Requirements (mbar)	<0,7	<2,4	<3,0
"KN95" mask	0,40 0,40 0,40	1,35 1,30 1,35	2,15 2,10 2,15

Table 2: Breathing resistance

§ 8.11 Penetration of filter material

The requirements of EN 149:2001 + A1:2009 is listed in the table below.

Sample	Result (%)	Requirements (%)	Aerosol
"KN95" mask	2,34 2,75 2,92	<6	Sodium chloride, 95 l/min

Table 3.1: Penetration of filter material: Initial penetration

Sample	Result (%)	Requirements (%)	Aerosol
"KN95" mask	2,48 2,12 2,75	<6	Sodium chloride, 95 l/min

Table 3.2: Penetration of filter material: Maximum penetration during exposure

Conclusion:

The mask complies with the requirements of RFU 02.075 version 2 for the tests performed in this report.

Image 1:



