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## PERSONAL PROTECTIVE EQUIPMENT PRODUCT CHECK ROUTINE TEST REPORT

**EN 149:2001+A1:2009**  
**Particle filtering half mask**

The examination and testing of Personal Protective Equipment were carried out in accordance with  
**MSZ EN ISO/IEC 17025:2018** standard  
by GÉPTESZT Kft. Notified Body, identified under number 2233 in the EU

**Customer:** Siegmund Care GmbH  
Address: Landsberger Straße 180 D-86507 Oberottmarshausen,  
Germany

**Model:** siegmund air

**Classification:** FFP2 NR D

**Exhalation valve:** NO

**Inhalation valve:** NO

**Uses:** non reusable (NR)

  

**Project number:** GT522

**Test report number:** VD36/GT522-01V1/2022/EN

**Project worksheet number:** VD34/2022/GT522-01V1

**Date of the test:** 03.10.2022.

  

**Samples received date:** 19.09.2022.

**Sample numbers:** 1 - 6

**Attachment:** no

**Issued:** Budapest, 06.10.2022.

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Budai Dániel  
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**Relevant standards, directives and requirements:**

EN 149:2001+A1:2009 Filtering half masks to protect against particles

**Description of the sample**

The manufacturer will change the welded logo on the mask. The layer structure has not changed

The fish-type mask is sold in white and black colour and contains these components:

**4500-AIR (siegmund air; colour: white)**

Component	Material	Specification
Outer layer 1	Spunbond 40gsm $\pm 6\%$	Polypropylene
Filter layer 2	Meltblown 25gsm $\pm 6\%$	Polypropylene
Inner layer 3	Spunbond 25gsm $\pm 6\%$	Polypropylene
Nose strip	4mm $\pm 10\%$	plastic coated double wire
Ear band	flat hollow string 4mm $\pm 10\%$	Polyamid 81% Elasthan 19%

**4510-AIR (siegmund air; colour: black)**

Component	Material	Specification
Outer layer 1	Spunbond 50gsm $\pm 6\%$	Polypropylene
Filter layer 2	Meltblown 25gsm $\pm 6\%$	Polypropylene
Inner layer 3	Spunbond 25gsm $\pm 6\%$	Polypropylene
Nose strip	4mm $\pm 10\%$	plastic coated double wire
Ear band	flat hollow string 4mm $\pm 10\%$	Polyamid 81% Elasthan 19%





**Short description of routine tests:**

Requirement	Test method	Description	Result
7.16	8.9	Breathing resistance	Passed

**Analysis and details of routine test results:**

Sample	Colour	Cond.	Inhalation resistance, mbar		Exhalation resistance, mbar 160 l/min				
			30 l/min	95 l/min	ahead	vert.up wards	vert downwa rds	left	right
1	white	A.R.	0,18	0,60	1,05	1,11	1,12	1,04	1,04
2	white	A.R.	0,18	0,61	1,03	1,10	1,11	1,02	1,03
3	white	A.R.	0,19	0,62	1,06	1,13	1,14	1,04	1,04
4	black	A.R.	0,19	0,60	1,17	1,20	1,21	1,15	1,16
5	black	A.R.	0,15	0,61	1,20	1,22	1,23	1,19	1,18
6	black	A.R.	0,16	0,59	1,14	1,16	1,17	1,12	1,12
<b>Maximum permitted:</b>			<b>0,7</b>	<b>2,4</b>	<b>3,0</b>				

**Result of the routine test:            PASSED**

END OF THE TEST REPORT