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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 17025:2005 standard
by GÉPTESZT Kft. Notified Body, identified under number 2233 in the EU

Customer: TECHPRINT SRL
Address: Via Traversa di Maiano 11 / 16- 59100 Prato, ITALY

Model: Pro Tech FFP2

Classification: FFP2 NR

Exhalation valve: NO

Inhalation valve: NO

Uses: non reusable

Project number: GT182

Test report number: VD36/255/X1/2021/EN

Project worksheet number: VD-34-2021-255-X1

Date of the test: 2021.03.16 - 03.30.

Samples received date: 2021.03.11.

Sample numbers: 1-18

Attachment: no

Issued: Budapest, 2021.01.13

GÉPTESZT KFT.
EVE Vizsgáló Laboratórium
NB 2233
1037 Budapest, Jablonka u. 79.
Labor: 1032 Budapest, Gyenes u.12.

Budai Dániel
Director of Laboratory



Relevant standards, directives and requirements:

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

Description of the sample

The customer will manufacture the mask in 8 more colours: .green military, pink military, leopard, brown, green, black, turquoise, fuchsia





Short description of routine tests:

Requirement	Test method	Description	Result
7.9.2	8.11	Penetration of filter material: paraffin oil	Passed
7.11	8.6	Flammability	Passed
7.16	8.9	Breathing resistance	Passed

Analysis and details of routine test results:

7.9.2 Penetration of filter material: paraffin oil

Paraffin aerosol: concentration: 15-25 mg/m³, flow: 95 l/min

Sample	Colour	Conditioning	Penetration, %	Exposure, %
1	brown	A.R.	1,02	NA
2	fuchsia	A.R.	0,99	NA
3	leopard	A.R.	1,10	NA
4	turquoise	A.R.	0,79	NA
5	black	A.R.	0,67	NA
6	green	A.R.	1,05	NA
7	pink military	A.R.	1,30	NA
8	green military	A.R.	0,71	NA
Maximum permitted:			6 %	

The penetration of the filter material did not exceed the maximum permitted 6 % in case of any masks.

PASSED

7.11 Flammability

Sample	Colour	Conditioning
9	black	A.R.
10	leopard	A.R.

The materials used do not present a danger for the wearer and are not of highly flammable nature. The samples did not burn.

PASSED



7.16 Breathing resistance

Sample	Colour	Cond.	Inhalation resistance, mbar		Exhalation resistance, mbar 160 l/min				
			30 l/min	95 l/min	ahead	vert.upwards	vert downwards	left	right
11	turquoise	A.R.	0,52	1,71	2,95	2,96	2,95	2,94	2,95
12	green	A.R.	0,44	1,49	2,51	2,52	2,51	2,51	2,50
13	leopard	A.R.	0,43	1,43	2,42	2,44	2,43	2,42	2,42
14	red military	A.R.	0,46	1,52	2,63	2,64	2,63	2,61	2,62
15	brown	A.R.	0,48	1,62	2,77	2,78	2,77	2,77	2,77
16	fuchsia	A.R.	0,42	1,47	2,54	2,55	2,55	2,54	2,53
17	black	A.R.	0,47	1,64	2,73	2,74	2,72	2,72	2,73
18	green military	A.R.	0,53	1,81	2,98	2,98	2,97	2,98	2,97
Maximum permitted:			0,7	2,4	3,0				

None of the measured values exceeded the maximum values.

PASSED

Result of the routine test: PASSED

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