



Report For: BreatheTeq/Canada Masq Corp.
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Laboratory #: 902676-22
REvised
Report Date: January 11, 2023
Original Report Date: January 6, 2023
Received Date: December 14, 2022

Specimen: #1: BNX E95 KN95 Flat-fold Face Mask, Black, Lot#E224506
#2: Vitacore CAN95e Flat-fold Face Mask, Black, Lot#F4-22142A
#3: Layfield 95PFE-L3 KN95 Flat-fold Face Mask, White, Lot#C0014084
#4: Canada Masq CA-N95 Flat-fold Mask, Large Black, Lot#BL55LB3015
#5: Canada Masq CA-N95 Flat-fold Mask, Medium Black, Lot#HL55LB3017
#6: BreatheTeq KN95 Flat-fold Face Mask, Large Grey, Lot#MP33LA4
#7: BreatheTeq KN95 Flat-fold Face Mask, Large Black, Lot#BL33L74
#8: BreatheTeq KN95 Flat-fold Face Mask, Medium Black, Lot#HL33L74
#9: BreatheTeq KN95 Flat-fold Face Mask, Medium Grey, Lot#NP33LA4
#10: Powecom KN95 Face Mask

TEST REPORT

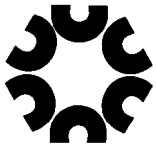
Ten specimens, consisting of ten KN95 face masks each, were submitted to CMTL for assessment of airflow resistance.



Revision: Email address corrected as per customer request.
Revision Date: January 11, 2022

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Per Steve Brown
Authorized By Stephen Brown
Per Iwona Sawczak
Technician, Iwona Sawczak



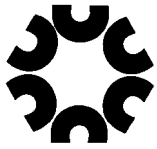
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AIRFLOW (INHALATION AND EXHALATION) RESISTANCE

Ten submitted specimens, consisting of ten KN95 face masks each, were evaluated for airflow (inhalation) resistance based on TEB-APR-STP-0007 and airflow (exhalation) resistance based on TEB-APR-STP-0003, using a TSI 8130A automated filter tester considered by NIOSH to be an acceptable pressure drop measurement.

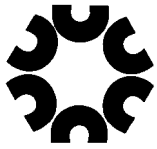
Tests were performed with the salt generator turned-off under no loading conditions. Using hot-melt glue the filtering facepiece respirators were sealed onto flat plates with joint for connection to the resistance apparatus for measurements of pressure drop.

RESULTS

Specimen #	Mask #	Inhalation Resistance (mmH ₂ O)	Exhalation Resistance (mmH ₂ O)
1	1	8.80	8.16
	2	9.07	8.42
	3	8.91	8.39
	4	9.14	8.34
	5	8.93	8.24
	6	9.43	8.62
	7	9.04	8.68
	8	8.99	8.42
	9	8.64	8.16
	10	9.44	8.99

Specimen #	Mask #	Inhalation Resistance (mmH ₂ O)	Exhalation Resistance (mmH ₂ O)
2	1	6.92	6.33
	2	6.60	5.95
	3	6.58	6.04
	4	6.37	5.86
	5	6.76	6.33
	6	7.23	6.69
	7	6.37	5.94
	8	6.76	6.24
	9	6.69	6.19
	10	6.76	6.35

Specimen #	Mask #	Inhalation Resistance (mmH ₂ O)	Exhalation Resistance (mmH ₂ O)
3	1	7.28	6.87
	2	7.23	6.59
	3	7.59	7.12
	4	7.39	6.94
	5	7.42	6.84
	6	7.12	6.63
	7	7.39	6.88
	8	7.39	6.74
	9	7.45	6.82
	10	7.62	7.11



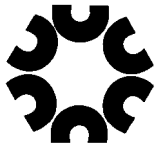
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RESULTS CONT'D

Specimen #	Mask #	Inhalation Resistance (mmH ₂ O)	Exhalation Resistance (mmH ₂ O)
4	1	8.73	8.40
	2	8.77	8.30
	3	8.83	8.24
	4	8.69	8.27
	5	8.45	8.10
	6	8.36	8.06
	7	8.66	8.31
	8	8.79	8.37
	9	8.49	8.13
	10	8.69	8.41

Specimen #	Mask #	Inhalation Resistance (mmH ₂ O)	Exhalation Resistance (mmH ₂ O)
5	1	9.89	9.34
	2	9.57	9.09
	3	9.60	8.92
	4	9.57	9.01
	5	9.81	9.24
	6	9.65	9.12
	7	9.73	9.22
	8	9.90	9.32
	9	9.88	9.34
	10	9.86	9.25

Specimen #	Mask #	Inhalation Resistance (mmH ₂ O)	Exhalation Resistance (mmH ₂ O)
6	1	5.17	4.93
	2	5.42	5.09
	3	5.29	5.10
	4	5.38	5.14
	5	5.21	5.02
	6	5.40	5.14
	7	5.37	5.09
	8	5.34	5.07
	9	5.30	4.99
	10	5.21	4.98



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RESULTS CONT'D

Specimen #	Mask #	Inhalation Resistance (mmH ₂ O)	Exhalation Resistance (mmH ₂ O)
7	1	4.89	4.71
	2	5.12	4.87
	3	5.06	4.79
	4	5.14	4.83
	5	5.06	4.91
	6	4.99	4.73
	7	5.22	5.02
	8	5.00	4.74
	9	5.19	4.92
	10	5.03	4.81

Specimen #	Mask #	Inhalation Resistance (mmH ₂ O)	Exhalation Resistance (mmH ₂ O)
8	1	5.72	5.32
	2	5.71	5.53
	3	5.55	5.37
	4	5.95	5.74
	5	5.71	5.44
	6	5.64	5.42
	7	5.62	5.40
	8	5.75	5.64
	9	5.81	5.56
	10	5.69	5.51

Specimen #	Mask #	Inhalation Resistance (mmH ₂ O)	Exhalation Resistance (mmH ₂ O)
9	1	5.17	4.85
	2	5.48	5.11
	3	5.54	5.40
	4	5.39	5.06
	5	5.43	5.02
	6	5.61	5.40
	7	5.53	5.24
	8	5.43	5.06
	9	5.46	5.30
	10	5.60	5.33



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RESULTS CONT'D

Specimen #	Mask #	Inhalation Resistance (mmH₂O)	Exhalation Resistance (mmH₂O)
10	1	10.71	10.23
	2	10.45	10.47
	3	10.62	10.11
	4	11.04	10.42
	5	11.61	10.58
	6	10.61	10.13
	7	11.10	10.27
	8	11.07	10.08
	9	10.81	10.14
	10	10.50	10.23