

**National Institute for Occupational Safety and Health
Respirator Branch
Test Data Sheet**



Task Number: TN-21733

Reference No.: CFR 84.180

Test: Exhalation Resistance Test

STP No.: 3

Manufacturer: Makrite Industries, Inc.

Filter Type: Filter Only

Item Tested: 9600-N95OV

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Exhalation	Exhalation	
1	25	8.8	PASS
2	25	8.5	PASS
3	25	9.1	PASS

Overall Result: PASS

Comments:

Samples were tested on manometer 000282.

Was all equipment verified to be in calibration throughout all testing?



Yes



No

Signature:

Nichole L. Petitta

Date: 9/13/2017

Engineering Technician

**National Institute for Occupational Safety and Health
Respirator Branch
Test Data Sheet**



Task Number: TN-21733

Reference No.: CFR 84.180

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Makrite Industries, Inc.

Item Tested: 9600-N95OV

Filter Type: Filter Only

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Inhalation	Inhalation	
1	35	10.0	PASS
2	35	9.4	PASS
3	35	10.5	PASS
Overall Result: PASS			

Signature:

Nicholas L. Petitta

Date: 9/13/2017

Engineering Technician

Task Number: TN-21733

Reference No.: CFR 84.180

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Makrite Industries, Inc.

Item Tested: 9600-N95OV

Comments:

Samples were tested on manometer 000286.

Was all equipment verified to be in calibration throughout all testing?



Yes



No

Signature:

Nicholas L. Petitta

Date: 9/13/2017

Engineering Technician

National Institute for Occupational Safety and Health
Respirator Branch
Test Data Sheet



Task Number: TN-21733

Reference No.: CFR 84.181

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: Makrite Industries, Inc.

Item Tested: 9600-N95OV

Filter	Flow Rate	Initial Filter Resistance	Maximum Allowable Percent Leakage	Initial Percent Leakage	Maximum Percent Leakage	Result
1	85	11.1	5.00	0.280	0.354	PASS
2	85	10.7	5.00	0.337	0.399	PASS
3	85	10.8	5.00	0.514	0.681	PASS
4	85	10.6	5.00	0.399	0.471	PASS
5	85	10.9	5.00	0.286	0.342	PASS
6	85	11.5	5.00	0.377	0.439	PASS
7	85	11.5	5.00	0.395	0.489	PASS
8	85	11.0	5.00	0.349	0.409	PASS
9	85	11.4	5.00	0.434	0.439	PASS
10	85	11.2	5.00	0.445	0.486	PASS
11	85	11.2	5.00	0.460	0.492	PASS
12	85	11.0	5.00	0.401	0.442	PASS
13	85	10.7	5.00	0.473	0.597	PASS
14	85	11.7	5.00	0.298	0.376	PASS
15	85	11.5	5.00	0.394	0.482	PASS
16	85	10.7	5.00	0.348	0.419	PASS
17	85	10.5	5.00	0.319	0.424	PASS
18	85	12.1	5.00	0.328	0.407	PASS
19	85	11.8	5.00	0.382	0.455	PASS
20	85	11.6	5.00	0.391	0.453	PASS

Overall Result: PASS

Signature:

Nicholas L. Petitta

Date: 10/18/2017

Engineering Technician

Task Number: TN-21733

Reference No.: CFR 84.181

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: Makrite Industries, Inc.

Item Tested: 9600-N95OV

Comments:

Samples 1-2 were tested on TSI 8130 machine 000332 using timer 000213. Samples 3-12 were tested on TSI 8130 machine 000333 using timer 000214. Samples 13-20 were tested on TSI 8130 machine 000334.

Was all equipment verified to be in calibration throughout all testing?



Yes



No

Signature:

Nichole L. Petitta

Date: 10/18/2017

Engineering Technician