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E-Mail: director@drde.drdo.in



भारत सरकार, रक्षा मंत्रालय  
Govt. of India, Ministry of Defence  
रक्षा अनुसंधान एवं विकास स्थापना (डी.आर.डी.ई.)  
Defence R&D Establishment (DRDE)  
झांसी मार्ग, ग्वालियर - 474002 (म.प्र.)  
Jhansi Road, Gwalior- 474 002 (M.P.)

No. DRDE/MASK/2020

By email

Date: 20 August 2020

To  
M/s Duraplus Healthcare  
B-83, Naraina Industrial Area Phase-2, New Delhi-110028  
e-mail: duraplushealthcare@gmail.com

Sub: PFE Test report of N95 mask without exhalation valve (GSM of total 5 layers: 240 GSM).

Ref: Your letter No. Nil dated 11 August 2020.

With reference to the above, kindly find enclosed herewith the test reports of the mask samples submitted by you for testing at DRDE, Gwalior.

Dr. M. Boopathi  
Scientist F  
For Director

*M. Boopathi*  
20/08/2020

Encl: As above (Two pages)

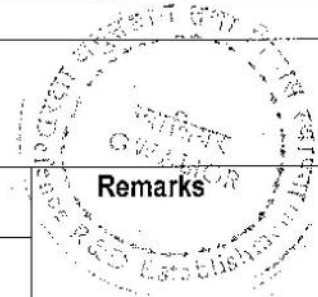


Test Report No DRDE/MASK/1824 PFE & BIR  
 Date : 20 August 2020  
 Defence Research and Development Establishment (DRDE),  
 Govt. of India, Ministry of Defence  
 Jhansi Road, Gwalior-474002  
 Phone : 0751-2341550, Fax : 0751-2341148  
 Email : director@drde.drdo.in

Manufacturer / Developer	M/s Duraplus Healthcare, B-83, Naraina Industrial Area Phase-2, New Delhi-110028
Letter No. & date	Nil & 11 August 2020.
Manufacturer's code if any	GSM of total 5 layers: 240 GSM
Category of Masks submitted	N95 without exhalation valve
DRDE sample code	PD-1824 PFE & BIR
Date of receipt of sample	17 August 2020
Period of testing	17 – 20 August 2020
Remarks (if any)	Nil

**Test Results**

**1. Particulates Filtration Efficiency (PFE) for mask without exhalation valve.**



Test Method	Test Conditions	Results		Remarks
		Specified	Observed	
NaCl aerosol with laser based measurement	As received	≥ 95 %	97.43 %	Meets the requirement as specified.
	Conditioned for 24 hrs at +70±3° C		97.31 %	
	Conditioned for 24 hrs at -30±3° C		97.23 %	

**Note:**

- i. The test results shall not be treated as an endorsement/Certification of the product. The DRDE/DRDO Logo or "Approved by DRDE/DRDO" cannot be used on product or any promotional document or otherwise.
- ii. The test results are valid for the samples tested and the documented test conditions.
- iii. The test report shall not be published in any form without the written approval of the Director, DRDE in case of Commercial Testing Samples.
- iv. Samples are not drawn by the DRDE, Gwalior. The results relate to the sample submitted by the client.
- v. Test report is meant for guidance and not be used for litigation.
- vi. Remnant Sample storage up to 60 days only.

