



# CAN95™ SURGICAL RESPIRATOR



**VITACORE**

PROUD TO BE CANADIAN



# PRODUCT INFORMATION

Our CAN95™ Surgical Respirator is Vitacore's first flagship respirator. This model is the first Canadian Respirator to receive Health Canada authorization as an N95 equivalent mask. The CAN95™ was designed specifically for Canadian healthcare and frontline workers to provide one of the highest levels of protection. The CAN95™ is manufactured at Vitacore's Burnaby BC facility and is available to public healthcare and frontline workers as well as the general public.

## CAN95™



# CAN95™ Surgical Respirator



# PRODUCT INFORMATION

## CAN95™ Surgical Respirator

**Product Name :** CAN95™ Surgical Respirator

**Manufacturer :** Vitacore Industries Inc.

**Place of Production :** Burnaby, B.C. Canada

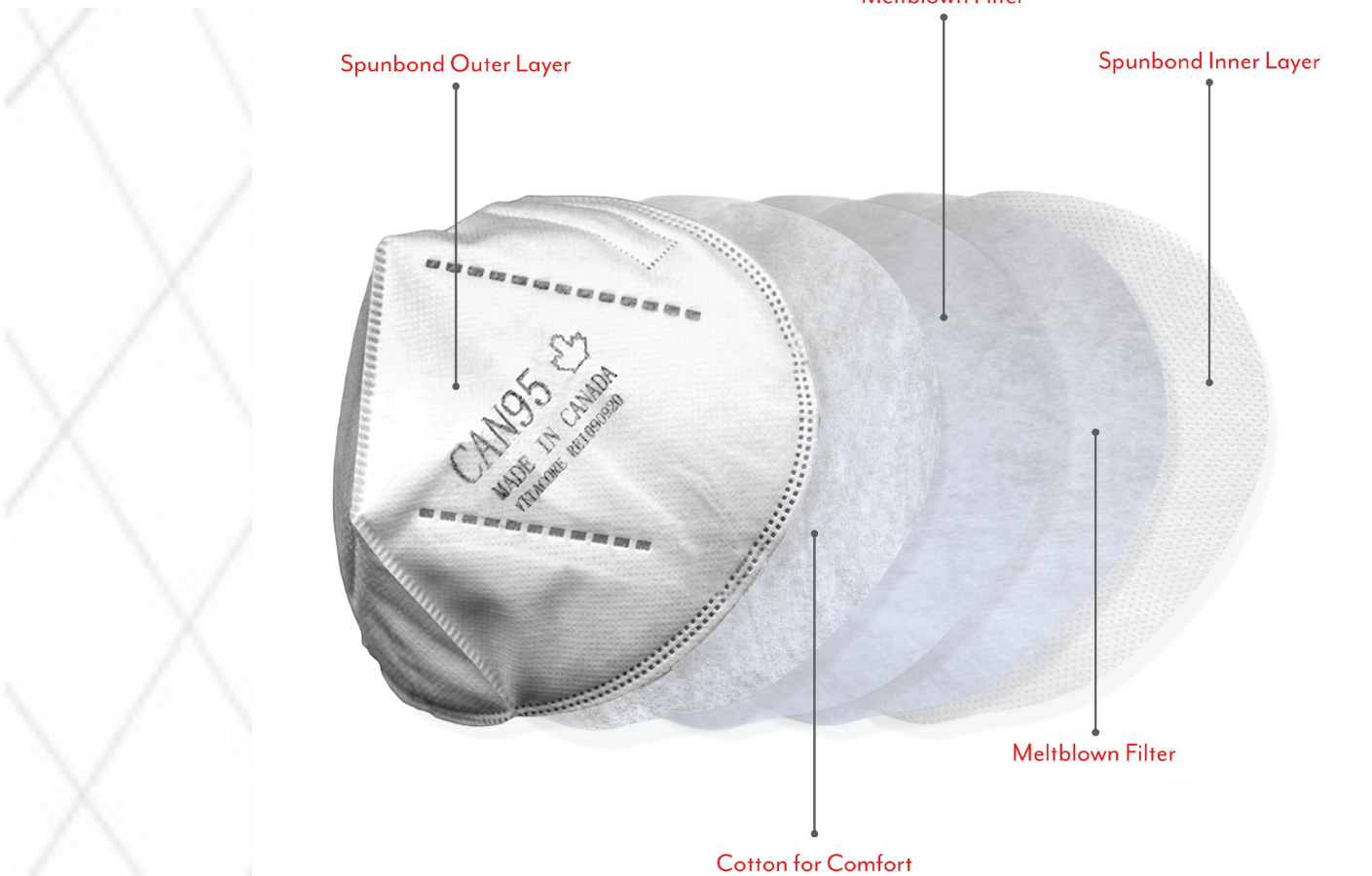
CAN95™ initial independent fit testing demonstrates some of the highest fit scores of any respirator ever tested (other than our CAN99™). The CAN95™ has over 95% particulate filtration efficiency, a minimum of 160 mmHg blood penetration resistance (ASTM F2100). Low inhalation/exhalation resistance gives the mask better breathability.

The material, assembly and final product testing are independently conducted by the National Research Council of Canada (NRC), McMaster University, and private lab partners.

### CAN95™ Surgical Respirator Additional Information

<b>Filtration-PFE</b>	> 95%
<b>Blood Penetration Resistance</b>	≤ 160 mmHg
<b>Item Package Quality</b>	30pc/box
<b>Production Capacity</b>	2M Respirators per Month
<b>Material Testing References</b>	National Research Council Report #: MS-2020-F043 Cambridge Material Testing Lab #: 844528-20
<b>Standards</b>	NIOSH TEB-APR-STP-0059, NIOSH RCT-APR-STP-0005-05a-06, rev3.0., ISO10993

# CAN95™ Certification



## CAN95™ Standards and NIOSH

NIOSH is not currently certifying respirators made outside of the United States during the COVID-19 pandemic. In response to this, Health Canada has developed a Canadian guideline for certifying Canadian-Made respirators which meets and exceeds NIOSH standards by implementing fit-testing. Below is the comparison between NIOSH (N95) standards and CAN95™.

Respirator Certification/Class	N95	CAN95™
Filter Performance @ 85L/min	≥95%	≥95%
Filter Performance Average Human Breathing (@ 8L/min)	-	≥99%
Testing Agent	NaCl	NaCl
Inhalation Resistance - Max Pressure Drop	≤343 Pa	≤343 Pa
Exhalation Resistance - Max Pressure Drop	≤245 Pa	≤245 Pa
Exhalation Valve Leakage	Leak Rate < 30 mL/min	Leak Rate ≤30 mL/min
Force Applied	-245 Pa	-245 Pa



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