



CAN95™ e

SURGICAL RESPIRATOR



VITACORE

PROUD TO BE CANADIAN



PRODUCT INFORMATION

Our CAN95™e Surgical Respirator is Vitacore's first flagship respirator. The CAN95e™ was designed specifically for the Canadian citizens to provide one of the highest levels of protection and comfort. The CAN95™e is manufactured at Vitacore's Burnaby BC facility and is available to the general public.

CAN95e™



PRODUCT INFORMATION

CAN95™ e Surgical Respirator

Product Name : CAN95™ e Surgical Respirator

Manufacturer : Vitacore Industries Inc.

Place of Production : Burnaby, B.C. Canada

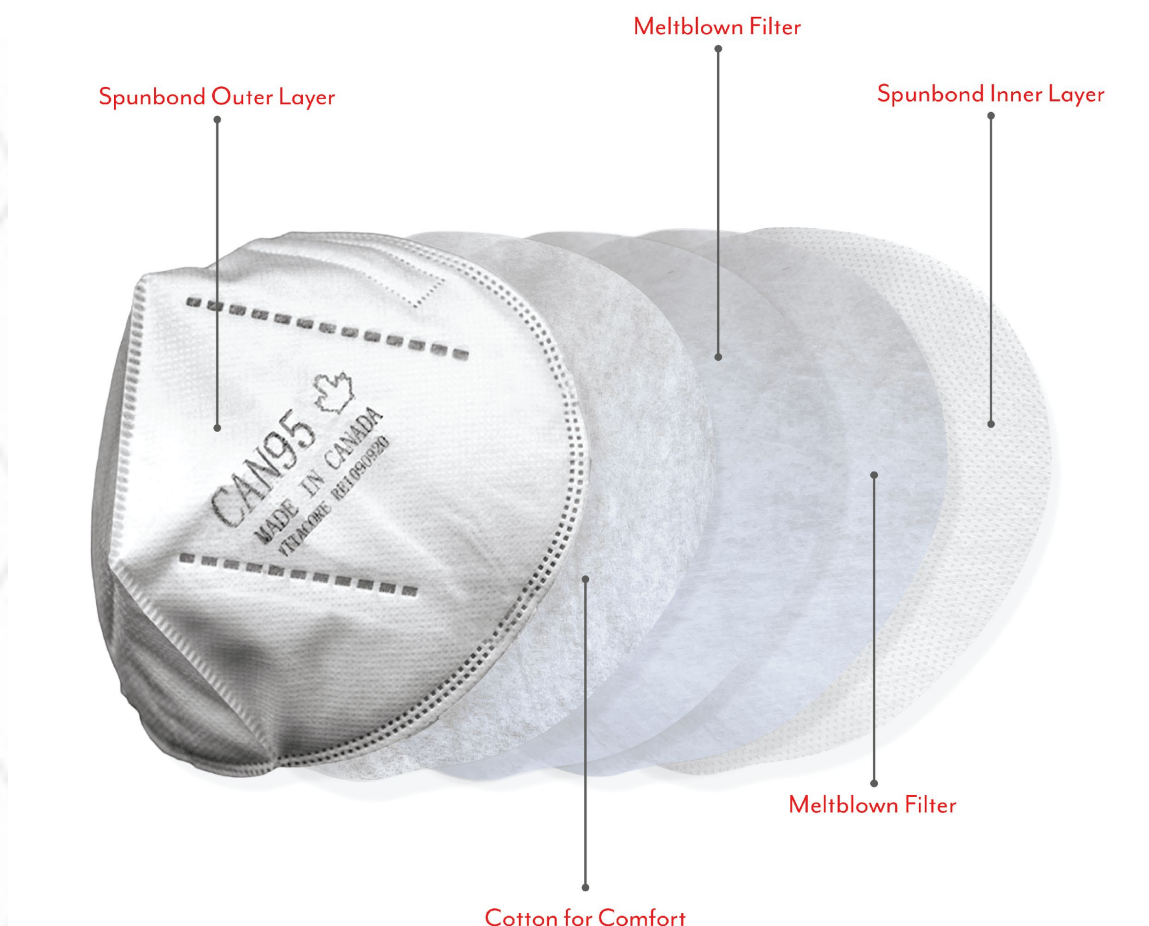
CAN95™ e initial independent fit testing demonstrates some of the highest fit scores of any respirator ever tested (other than our CAN99™). The CAN95e™ has over 95% particulate filtration efficiency, a minimum of 160 mmHg blood penetration resistance (ASTM F2100). Low inhalation/exhalation resistance 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™ e Surgical Respirator Additional Information

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

CAN95e™ Certification



CAN95™e 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™e.

| Respirator Certification/Class | N95 | CAN95™e |
|---|-----------------------|----------------------|
| 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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