

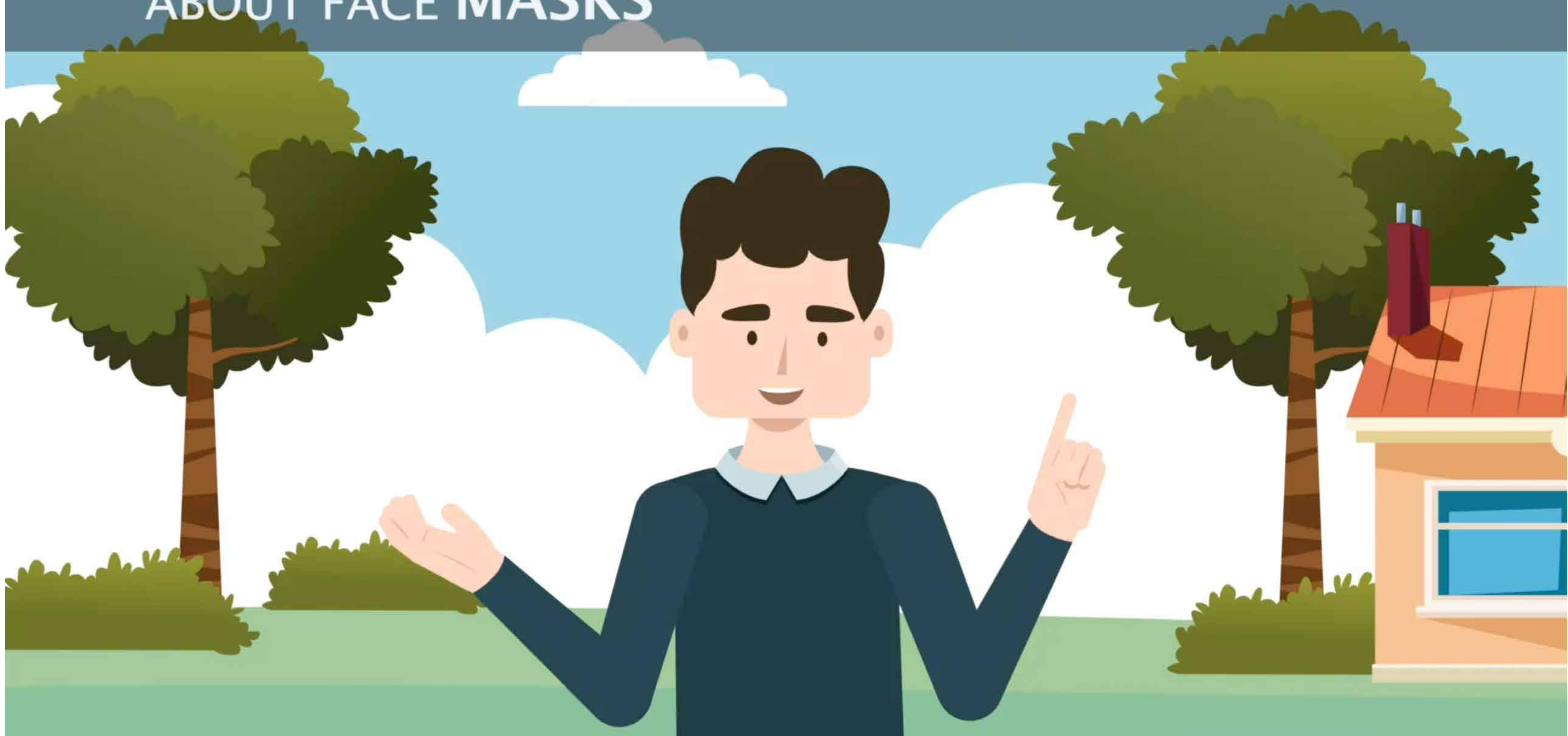


PRESENTS

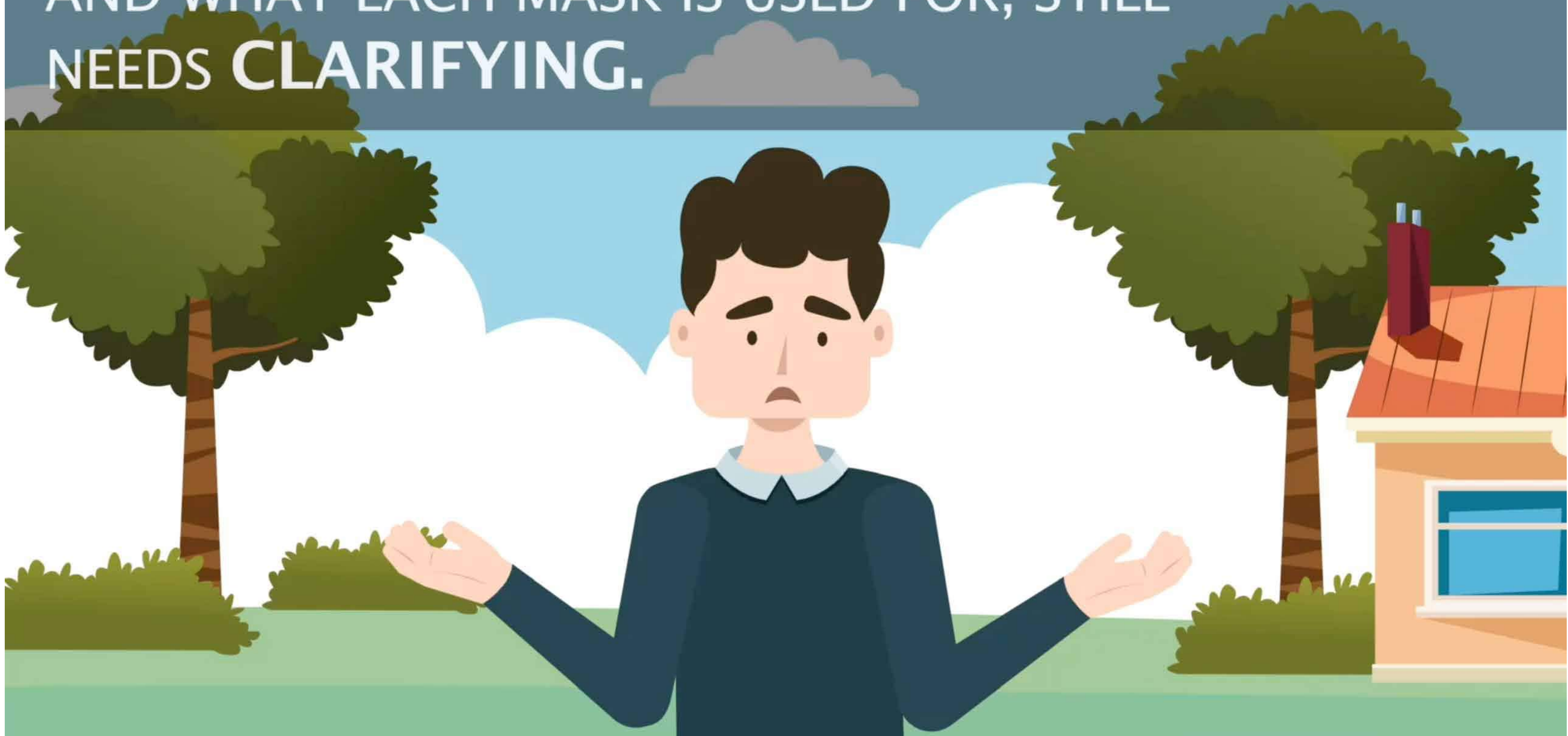
**GUIDANCE ON
RECOGNISING THE
AUTHENTICITY
OF NIOSH APPROVED
RESPIRATORS
AND THEIR
USES**



IN RECENT WEEKS, THERE HAS BEEN A LOT OF TALK
ABOUT FACE MASKS

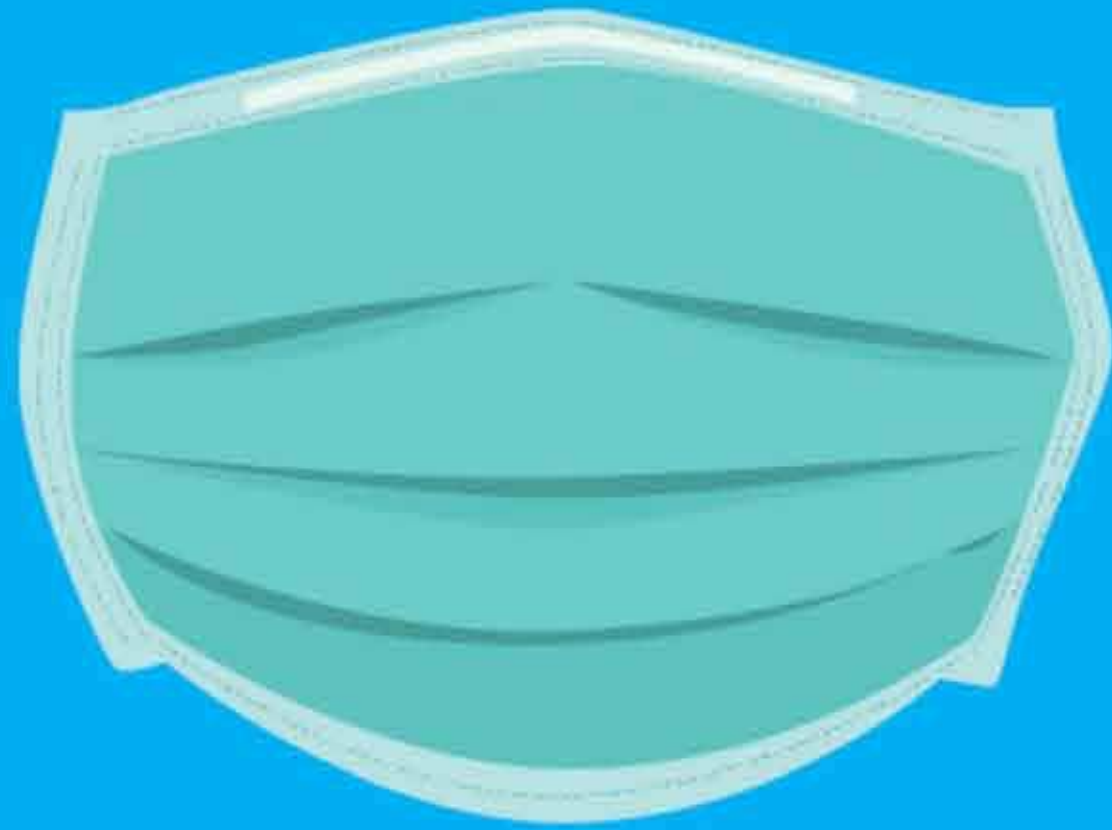


HOWEVER, HOW TO RECOGNISE AN **APPROVED MASK**,
AND WHAT EACH MASK IS USED FOR, STILL
NEEDS CLARIFYING.



LET'S TRY TO CLARIFY...

FIRST OFF, THERE ARE **THREE** MAIN FAMILIES OF MASKS



SURGICAL
MASKS



PROTECTIVE
FACE MASKS



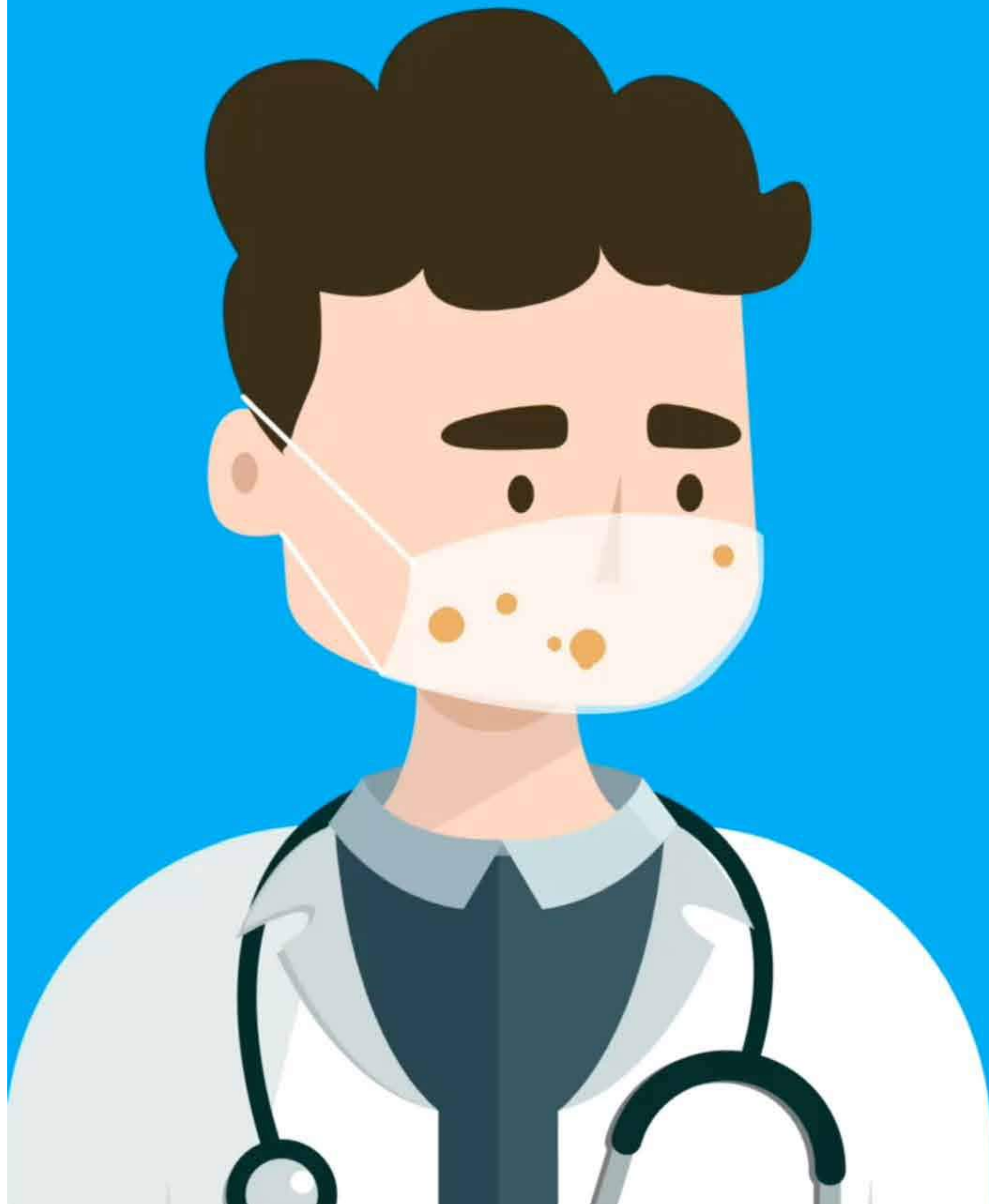
RESPIRATORS WITH
REPLACEABLE FILTERS

SURGICAL MASKS



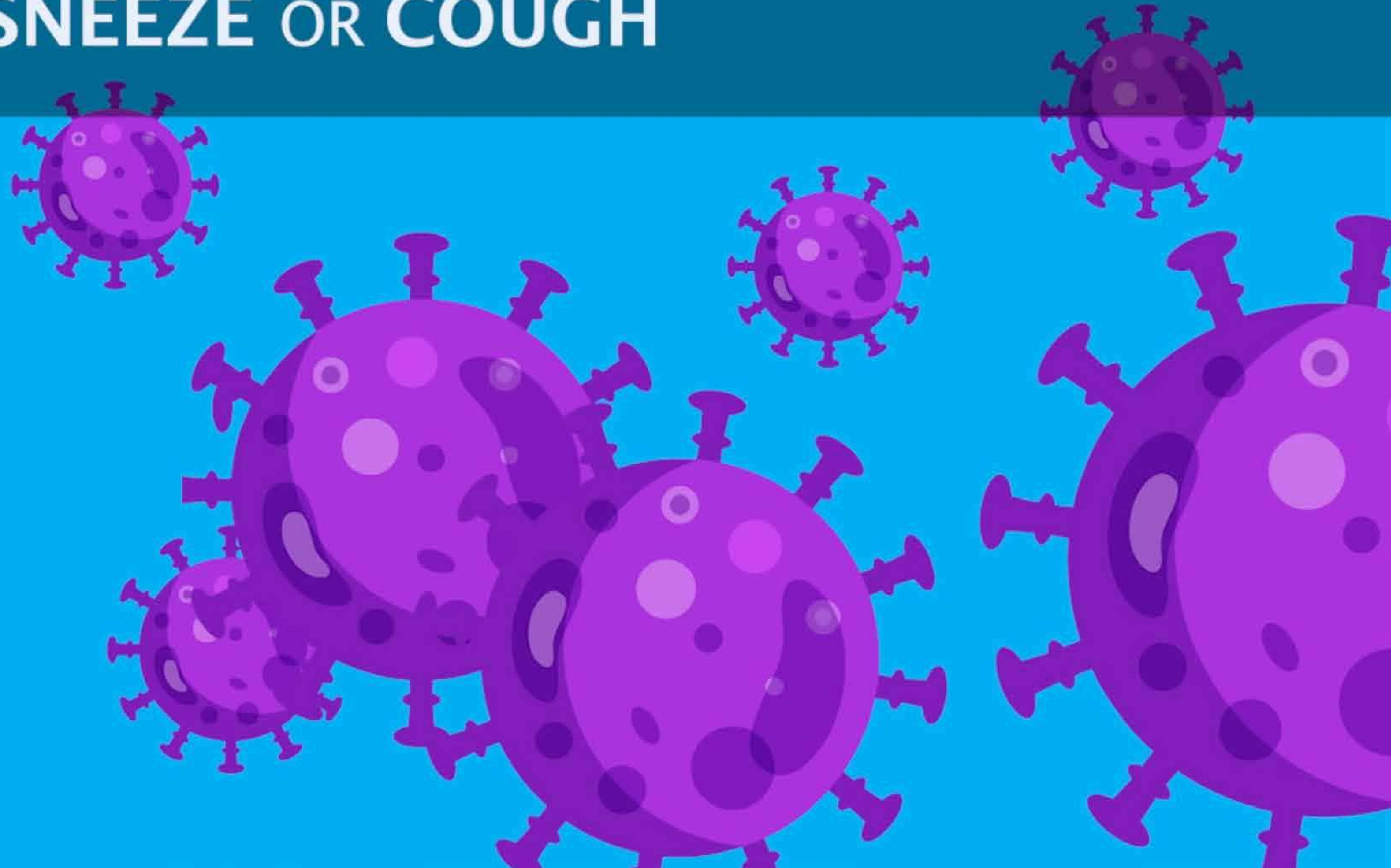
**SURGICAL MASKS ARE REGULATED UNDER 21 CFR 878.4040.
THESE MASKS ARE NOT TO BE SHARED ANY MAY BE LABELED
AS SURGICAL, ISOLATION, DENTAL, OR MEDICAL PROCEDURE MASKS.**





THIS SORT OF MASK
DOESN'T PROTECT
THE **WEARER**, BUT LIMITS
THE **SPREAD** OF A **VIRUS**
BY **PREVENTING** THE
EXPULSION OF
DROPLETS, AND ANY
OTHER NASAL OR ORAL
SECRETION, TOWARDS
OTHER PEOPLE

LET'S KEEP IN MIND THAT **CORONAVIRUSES** MEASURE **100–150 nm** IN DIAMETER, AND **TRANSMIT VIA DROPLETS** SPREAD DURING SPEECH AND MOST OF ALL WHEN WE **SNEEZE** OR **COUGH**





A SURGICAL
MASK IS A
SINGLE USE
PRODUCT

PROTECTIVE FACE MASKS



THESE MASKS MUST
BE TESTED AND
APPROVED TO
TITLE 42 OF THE
CODE OF FEDERAL
REGULATIONS
BY NIOSH



LET'S FIND OUT
SOME **DETAILS** THAT
HELP US **RECOGNISE**
IF A FACE MASK IS
APPROVED





IT'S A LEGAL
REQUIREMENT
TO HAVE THE
MANUFACTURER
LOGO ON THE MASK



THE “**NIOSH**” LOGO
INDICATES THAT
THE **MASK** IS
NIOSH APPROVED
AND **COMPLIANT**
WITH THE CODE OF
FEDERAL REGULATIONS



FOR PROTECTIVE
FACE MASKS, TO
CONFORM WITH
THE REGULATION,
IT MUST HAVE AN
APPROVAL NUMBER
SHOWN ON THE
APPROVAL LABEL
FOR THAT
SPECIFIC RESPIRATOR
CONFIGURATION.



LET'S EXPLAIN THE
NUMBER, FOR EXAMPLE
“TC-84A-6950”
STANDS FOR
TESTING AND
CERTIFICATION.
ALL NIOSH APPROVAL
NUMBERS BEGIN WITH
THE LETTERS TC.



THE FOLLOWING
NUMBER SUCH AS
“84A” IDENTIFIES
THE PART 84 OF THE
CFR WHICH THE MASK
CONFORMS TO,
IN THE CASE OF 84 THIS IS
THE APPROVAL OF
**RESPIRATORY PROTECTIVE
DEVICES**, A SET OF
REQUIREMENTS
APPLICABLE FOR THE
SPECIFIC RESPIRATOR TYPE.



THE FOUR NUMBERS
AT THE END IS THE
UNIQUE NUMBER ASSIGNED
BY NIOSH FOR THAT
RESPIRATOR
CONFIGURATION.



THE RESPIRATORS CAN BE VERIFIED TO BE NIOSH APPROVED BY GOING TO THE CDC WEBSITE UNDER CERTIFIED EQUIPMENT LIST

For information about the FDA-authorized emergency use of NIOSH-approved FFRs, please see: <https://www.fda.gov/emergency-preparedness-and-response/rncm-legal-regulatory-and-policy-framework/emergency-use-authorization#2019-nCoV>

Approved Particulate Filtering Facepiece Respirators

Certified Equipment List (CEL)

Respirator User Notices +

Meetings, Webinars, & Conferences +

Letters to Respirator Manufacturers and Interested Parties

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This site provides a listing of NIOSH-approved particulate filtering facepiece respirators. This type of air-purifying respirators protects by filtering particles out of the air the user is breathing. There are seven classes of filters for NIOSH-approved filtering facepiece respirators available at this time. Ninety-five percent is the minimal level of filtration that will be approved by NIOSH. The N, R, and P designations refer to the filter's oil resistance as described below.

Select a type of respirator to see all approved models:

[N95](#) – Filters at least 95% of airborne particles. Not resistant to oil.

(N95 Manufacturers Index: [3M](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#))

[Surgical N95](#) – A NIOSH-approved N95 respirator that has also been cleared by the Food and Drug Administration (FDA) as a surgical mask.

[N99](#) – Filters at least 99% of airborne particles. Not resistant to oil.

[N100](#) – Filters at least 99.97% of airborne particles. Not resistant to oil.

[R95](#) – Filters at least 95% of airborne particles. Somewhat resistant to oil.

[P95](#) – Filters at least 95% of airborne particles. Strongly resistant to oil.

[P99](#) – Filters at least 99% of airborne particles. Strongly resistant to oil.

[P100](#) – Filters at least 99.97% of airborne particles. Strongly resistant to oil.

The NIOSH-approved products are listed by brand. Links to the manufacturers' websites are provided as a courtesy to users

https://www.cdc.gov/niosh/npptl/topics/respirators/disp_part/n99list1.html



THE MODEL NUMBER
IS ALSO A
LEGAL REQUIREMENT,
FOR EXAMPLE
“N30000” FOR
THE **GVS N99**
FILTERING FACEPIECE.



FINALLY, IT'S A
LEGAL REQUIREMENT
TO SHOW THE
CLASSIFICATION
OF THE MASK, IN
THIS CASE "N99"



ON SOME
MASKS YOU WILL
ALSO SEE THE
PRODUCTION
LOT NUMBER.



THIS ISN'T MANDATORY,
BUT **SHOWS** THAT
THE MANUFACTURER
IS ENSURING TRACEABILITY
ACROSS ALL ITS
PRODUCTION PROCESSES



IN FACT IT GIVES
ACCESS TO IMPORTANT
INFORMATION,
SUCH AS THE
ORIGINS OF THE
RAW MATERIALS
USED TO MAKE
THE **MASK**



IF A MASK **DOESN'T** HAVE THIS INFORMATION CLEARLY MARKED ON IT, THEN IT IS **NOT** APPROVED



NOW, LET'S LOOK AT THE USES OF N95, N99 AND P100 MASKS, THE MOST SUITABLE DEVICES TO PROTECT US AT THIS TIME



THESE MASKS COME **WITH** OR **WITHOUT** A VALVE



VALVED MASKS ONLY PROTECT THE WEARER AND NOT OTHER PEOPLE, AS THE VALVE ALLOWS THE WEARER'S EXHALED BREATH OUT OF THE MASK



**MASKS WITHOUT VALVES
PROTECT BOTH
WEARER, AND THOSE
AROUND THEM.**



**FILTERING CAPABILITY OF EACH OF THESE MASKS,
WHICH FOR NON-VALVED MASKS IS IN BOTH DIRECTIONS:**



N95

95%



N99

99%



N95

95%



N99

99%

“N” STANDS FOR NON-OIL RESISTANT

“R” STANDS FOR RESISTANT TO OIL

“P” STANDS FOR STRONGLY RESISTANT (OIL PROOF)



AN **UNVALVED**
FILTERING FACEPIECE
N99 MASK OFFERS
HIGH LEVEL OF
PROTECTION FOR
EVERYONE AND
CONTAINMENT AGAINST
INFECTIOUS AGENTS
COMPARED TO OTHER
FILTERING FACEPIECES
WITH VALVES AND
LOWER EFFICIENCIES
SUCH AS **N95**.

REUSABLE MASKS
WITH P100
REPLACEABLE FILTERS
HAVE A REALY
HIGH FILTERING
CAPACITY WITH
AN **EFFICIENCY**
OF **99.97%**.



THESE CAN OFTEN
BE **MORE COMFORTABLE**
TO WEAR, WITH THE
MASK AND FILTERS
BEING **RE-USEABLE**,
WITH ONLY THE
FILTERING ELEMENTS
NEEDING TO BE
REPLACED PERIODICALLY.



**BOTH REUSABLE AND DISPOSABLE MASKS
CAN BE **DISINFECTED** AND **RE-USED**, IF STATED BY
THE MANUFACTURER, FOLLOWING THEIR INSTRUCTIONS**



FINALLY, REMEMBER THAT IT IS ALWAYS **NECESSARY** TO FOLLOW THE TWO **MOST IMPORTANT RULES** – **MAINTAIN SOCIAL DISTANCING** AND **WASH YOUR HANDS**.



#covidtips
#stayhome

