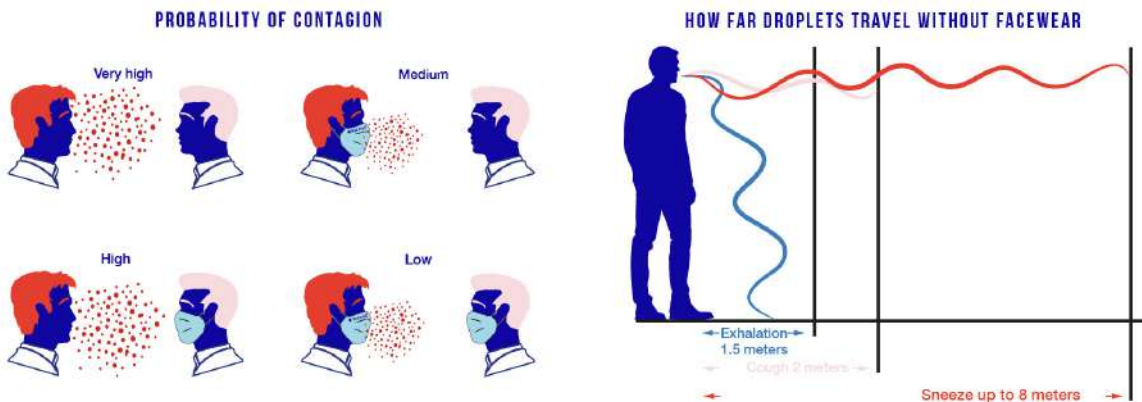


● PACTICS - FACEWEAR

Welcome to the "1.5-meter society"

Maximize employee and customer safety in the new world order, by providing tested and certified Facemasks; 3-layered design as recommended by the WHO with a PFE > 89% (Particle Filtration Efficiency at 3 microns).



My Mask Protects You – Your Mask Protects Me

PACTICS-FACEWEAR is more than just a protective mask, it is also a fashion item that can help to promote your brand and boost your company's profile by putting a friendly, personalized touch on your employees faces.



PACTICS

We are an enterprise that is good to its people and good to the environment.

30-40 million
products per
year

ISO and
SA 8000
Certified

Dutch
ownership and
management

550+
employees



WWW.PACTICS.COM

The FACEWEAR has been tested and certified at the Centexbel lab in Belgium – test reports available on request



● PACTICS - FACEWEAR

Filtration of a Facemask:

The main purpose of a facemask is to filter (capture) particles from the air while inhaling and exhaling. A virus is transmitted from the body in moisture droplets exhaled while speaking, singing, coughing or sneezing. Wearing a mask is capturing these droplets and at the same time stopping droplets in the air to be inhaled.

Very important for a community mask is the breathability with $> 780 \text{ l} / (\text{m}^2 \cdot \text{s})$ for the Casual Model and $> 450 \text{ l} / (\text{m}^2 \cdot \text{s})$ for the Business Model. The FACEWEAR exceeds by far the norm of $> 100 \text{ l} / (\text{m}^2 \cdot \text{s})$ making the it very comfortable to wear.

My Mask Protects You – Your Mask Protects Me

Fit of a Facemask:

The fit of the facemask is very important for an efficient filtration. When the fit is loose, air can leak or escape from different sides without being filtered. The facemask should be sized to the average morphology of the target population. The facemask needs to be large enough to cover nose and mouth, at the bottom go over the chin, at the top reach the top of the nose, and have a “nose bridge” (metal piece) that can be formed over the nose. Finally, the sides need to be fit snug on the cheek on all sides. It is important for the fit that the facemask is not flat as that cannot follow the curved contour from the top of the nose to under the chin.



Mask Type	Filtration	Fit	Disposable	Hours of Use
Community	$\geq 70\%$ at 3 microns	Loose	No	8 – 12
Pactics Casual Model	$\geq 72\%$ at 3 microns	Tight	No	8 – 12
Surgical Mask	$< 95\%$ at 0.3 micron	Loose	YES	8
Pactics Business Model	$\geq 89\%$ at 3 microns	Tight	No	8 – 12
Surgical N95 Respirators	$\geq 95\%$ at 0.3 micron	Tight	YES	4

Disposable facemasks can only be used for 4 to 8 hours based on recommendations from the FDA, this makes these products very expensive and put a big toll on the environment. (<https://www.fda.gov/medical-devices/personal-protective-equipment-infection-control/n95-respirators-surgical-masks-and-face-masks#s2>)

The WHO (World Health Organization) issued a new bulletin on June 5th, 2020 where the organization changed its stand on the use of facemasks and is now recommending a washable product consisting of 3-layers (cotton, non-woven filter, and polyester). Exactly as the Pactics Business Model.

(<https://www.weforum.org/agenda/2020/06/who-updates-guidance-on-masks-heres-what-to-know-now/>)



WWW.PACTICS.COM

