

An aerial photograph of a residential area with several houses, a central pond, and greenery. A white rounded rectangle with a blue border is overlaid on the top half of the image, containing text. In the bottom right corner, a woman's face is visible, wearing a white face mask with colorful polka dots.

# ● PACTICS - FACEWEAR

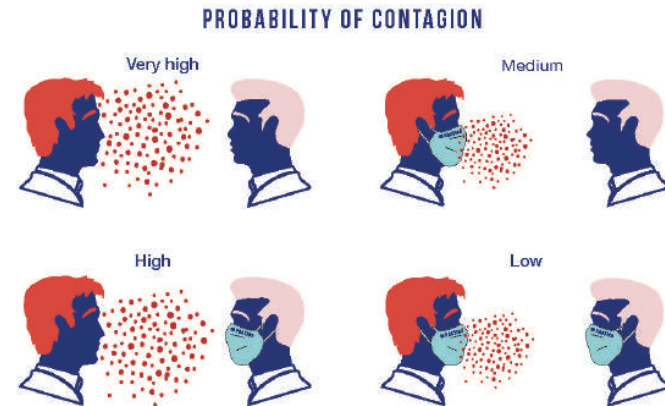
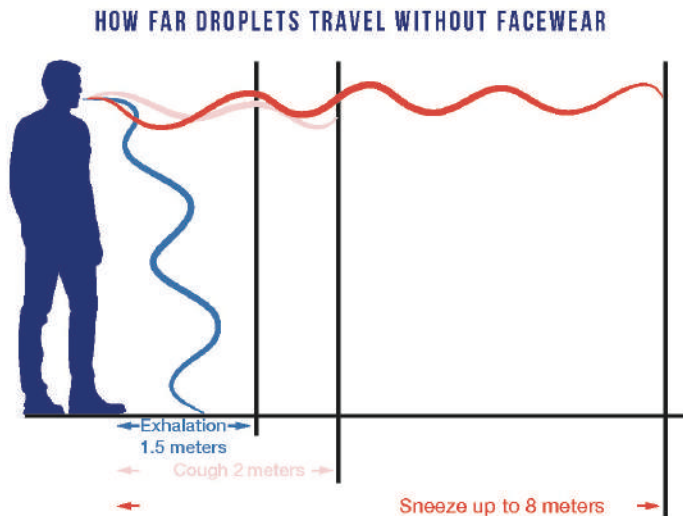
Welcome to the 1.5 m society

# THE 1.5 M SOCIETY

Social distancing is going to be with us for a while. The businesses that best adapt to our shared new reality are the ones that are most likely to survive. Which raises a question for all of us: how can we protect our employees and our customers at this critical time?

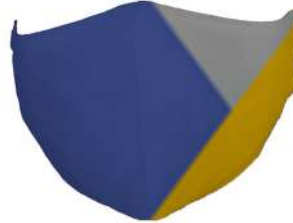
To help answer that, Pactics has developed a dedicated range of FACEWEAR that is more than just a protective mask, it is also a fashion item that can help to promote your brand and boost your company's profile by putting a friendly, personalized touch on your employees' faces.

This is not a replacement for social distancing but, as recommended by health experts, adds an extra layer of protection against the spread of Coronavirus.



My Mask Protects You – Your Mask Protects Me

# Pactics FACEWEAR



- The FACEWEAR is tested and certified by the Centexbel Laboratory in Belgium on filtration and breathability. Test reports are available on request.
- All PACTICS products are REACH compliant and tested not to contain any harmful substances.



# Pactics FACEWEAR Models



The FACEWEAR is available in two Models and is fully customizable in any color and design using PACTICS inhouse Digital Dye Sublimation Technology. Our internal graphic designers can assist in designing the mask.

- Business:

Recommended solution for all-day use in shared spaces. This product is ideal for employees to work comfortably with consideration for the safety of those around them. It will help to prevent the spread of the virus and is an addition to the 1.5 m / 6 feet social distancing. It includes a washable filter for additional filtration. With a filtration efficiency of > 89%.

- Casual:

Recommended solution for consumers to wear when in public places. It will help to prevent the spread of the virus and is an addition to the 1.5 m / 6 feet social distancing with a filtration efficiency of > 72%.

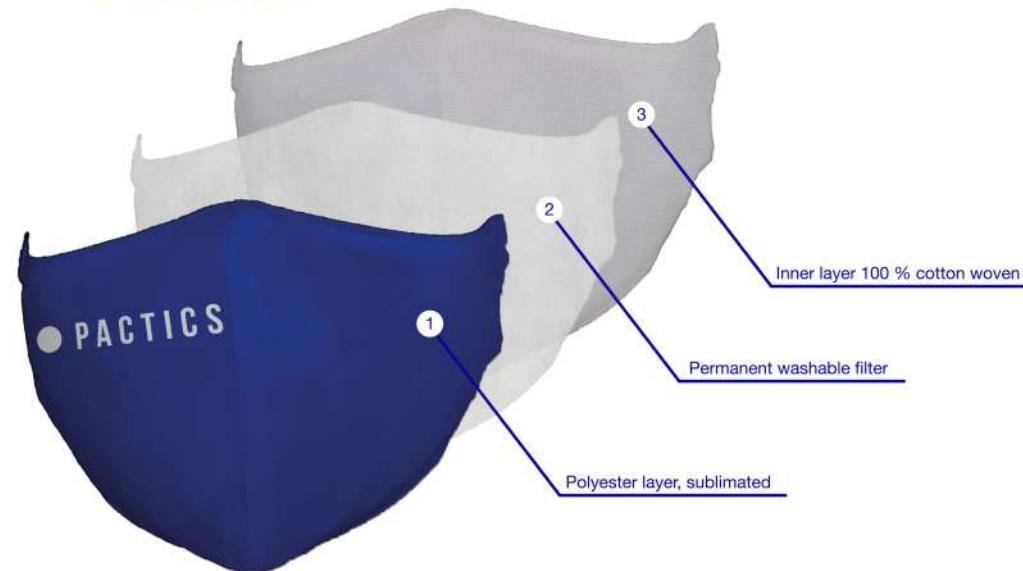
# Pactics FACEWEAR – Business Model

The 3-layer FACEWEAR Business Model comes with an outer-layer of knitted polyester, an inner-layer of upcycled cotton and a permanent washable filter:

- The outer layer is fully customizable in any color and design using PACTICS' inhouse Digital Dye Sublimation Technology.
- The filter is made from non-woven melt-blown material with a PFE > 89% (Particle Filtration Efficiency at 3 microns) after more than 60 30-minute washes at 60° C / 150° F.
- The FACEWEAR and Pouch need to be washed daily when used at 60° C / 150° F. The colors will not fade and will not wash out.
- The FACEWEAR ships in pairs:

**WEAR ONE – WASH ONE**

## ● PACTICS - FACEWEAR 3 LAYERS



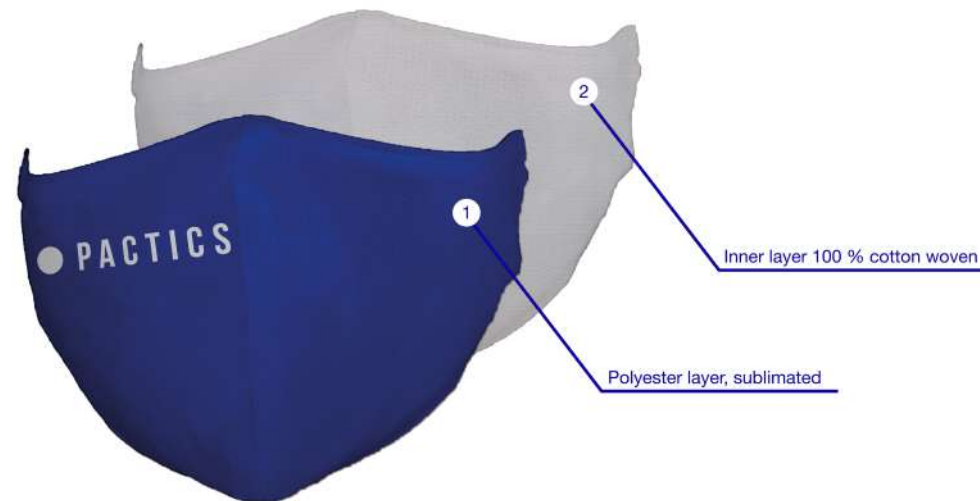
# Pactics FACEWEAR – Casual Model

The 2-layer FACEWEAR Casual Model comes with an outer-layer of knitted polyester, an inner-layer of upcycled cotton and openings to insert a filter (like a PM 2.5 Filter).

- The outer layer is fully customizable in any color and design using PACTICS' inhouse Digital Dye Sublimation Technology.
- The FACEWEAR and Pouch need to be washed daily when used at 65° C / 150° F. The colors will not fade and will not wash out.
- The FACEWEAR ships in pairs:

**WEAR ONE – WASH ONE**

## ● PACTICS - FACEWEAR 2 LAYERS



# FACEWEAR Adjustable Straps



Both FACEWEAR models have adjustable straps that can be used as ear-loops or to fit behind the head for added comfort.

# FACEWEAR Carrying Pouch

It is important to properly handle your FACEWEAR:

- Each FACEWEAR comes with a woven PU coated polyester carrying pouch with an airtight closure.
- The FACEWEAR needs to be stored in the pouch after use to avoid contamination of goods in your purse, briefcase, car or office desk / drawer.
- After storing the FACEWEAR in the pouch:
  - Hands need to be washed with soap & water or when not available with a hand-gel with minimal 70% alcohol.
  - It is also advisable to wipe the pouch with an alcohol wipe.
- The FACEWEAR Pouch needs to be washed daily when used at 65° C / 150° F.

**Please realize that a FACEWEAR that has been used nearby other people is potentially a Hazardous Item that can contain the virus and other bacteria.**

**Wear one – Wash one**





# Type of Facemasks

- Community Masks ->

The community masks are regulated in France (AFNOR SPEC S76-001) and Belgium (NBN/DTD S 65-001:2020), other countries will probably follow.

- Industrial Masks ->

The industrial masks are regulated by NIOSH (National Institute for Occupational Safety and Health) in the USA and the EU-OSHA (European Agency for Safety and Health at Work) in the EU.

- Medical Masks ->

The medical masks are regulated by FDA (Food & Drug Administration) in the USA and the EMA (European Medicines Agency) in Europe.

# Facemasks requirements / regulations

## Community Masks:

Community masks are the least regulated and have low requirements and breathability (for details see Table 1 in the appendix). There is today a wide variety of these types of masks available. Ranging from simple (home-made) single layer, to masks with disposable filters and masks with special “pollution” filters (PM2.5 filters).

The valve assists in the breathing by opening at the exhale and closing at the inhale; only filtering the air that you breath in. To protect others against the virus masks with a valve should not be used.



# Facemasks requirements / regulations

- Industrial Masks:

This document limits the Industrial Masks to disposable respirators. These respirators are available in two basic versions with and without a valve (picture 1 and picture 2). There are 10 classes of NIOSH-approved particulate filtering respirators; 95% is the minimal level of filtration approved by NIOSH. The N, R and P designations refer to the respirator's oil resistance as described in the table.

Filter Class			Particle Filtration @ 0.3 micron			Resistance to Oil
N95	N99	N100	≥ 95%	≥ 99%	≥ 99.97%	<u>N</u> ot
R95	R99	R100	≥ 95%	≥ 99%	≥ 99.97%	<u>R</u> esistant
P95	P99	P100	≥ 95%	≥ 99%	≥ 99.97%	Oil- <u>P</u> roof



N95 Industrial Mask

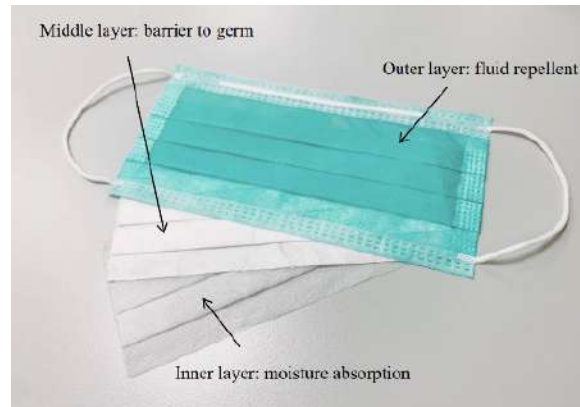


PN95 with Valve

# Facemasks requirements / regulations

- Medical Masks:

1. Surgical Masks -> (also called 3-Ply masks) generally fit loosely over the nose and mouth; used inside the operating room or within other sterile procedure areas to protect the patient. The product is made of 3 layers of non-woven melt-blown material. The outer layer has hydrophobic properties to create the splash resistance, the middle layer performs the filtration and the inner layer adsorbs the moisture of the breathing. The requirements / standards are published by ASTM International (ASTM F2100-11) for the US and in Europe by CEN (EN 14683). The standards are slightly different between the US and the EU. Surgical masks are available in 3 levels; the main difference between the levels are the splash resistance.



*Surgical Masks*

# Facemasks requirements / regulations

- Medical Masks:

1. Respirators -> Originally develop for industrial use only, respirators have been modified to be used in the medical field as well. In the US these are called N95's in Europe FFP (Filtering Face Piece). The medical and industrial respirators are similar in appearance, the key difference is the fluid resistance and the resulting FDA / EMA clearance of surgical N95s / FFPs. The requirements / standards for respiratory masks are in Europe regulated under the European Standard EN149:2001. There are 3 classes of protection FFP1, FFP2, and FFP3 against solids, water-based and oil-based aerosols. The National Institute for Occupational Safety and Health (NIOSH) is the U.S. Government agency responsible for the certification and approval of respiratory protective devices for occupational use. Only those that meet or exceed all the requirements established in the 42 CFR Part 84 standards are acknowledged by NIOSH. The FDA defines a Surgical N95 Respirator as: A single-use, disposable respiratory protective device (RPD) to protect both the patient and health care professional at an N95 filtration efficiency level per 42 CFR 84.181. A surgical N95 respirator is a class II device, regulated by FDA under 21 CFR 878.4040



Medical N95



# ● PACTICS - FACEWEAR

Where is the facewear made?

# Pactics Cambodia

PACTICS-FACEWEAR is produced in the PACTICS facility in Siem Reap, Cambodia. A state-of-the-art facility built with help of the RVO (Dutch Government) with Dutch management and ownership opened in 2014.



To have a look in the factory please visit:

<https://www.youtube.com/watch?v=oz2RjA7WAp8>

# The Pactics FACEWEAR factory

## WHO

In 2004 we established Pactics with a simple yet strong vision: “to create a decent company that offers competitively priced, high-quality lifestyle products in an environmentally and socially responsible way.”

## WHY

Pactics was built around a solid set of four core values. Commitment to these values informs every aspect of our work and is intrinsic in making Pactics the company it is today.

## WHAT

The manufacturing and sublimation specialists create high quality, innovative and technical items for travel & luggage, luxury packaging and FACEWEAR in an environmentally and socially responsible way, supporting the worlds leading fashion and lifestyle brands.

## HOW

Our efficient manufacturing processes mean we can support brands in large and small volumes while retaining design, quality, and price integrity. Combined with efficient logistics and professional sales support it makes us the preferred supplier for worldwide brands.

## WHERE

The Pactics FACEWEAR factory was built in 2014 in Siem Reap, Cambodia with attention to the well-being of the employees and the environment.

Siem Reap is best known for the 12<sup>th</sup> century Angkor temples.

To visit the factory:

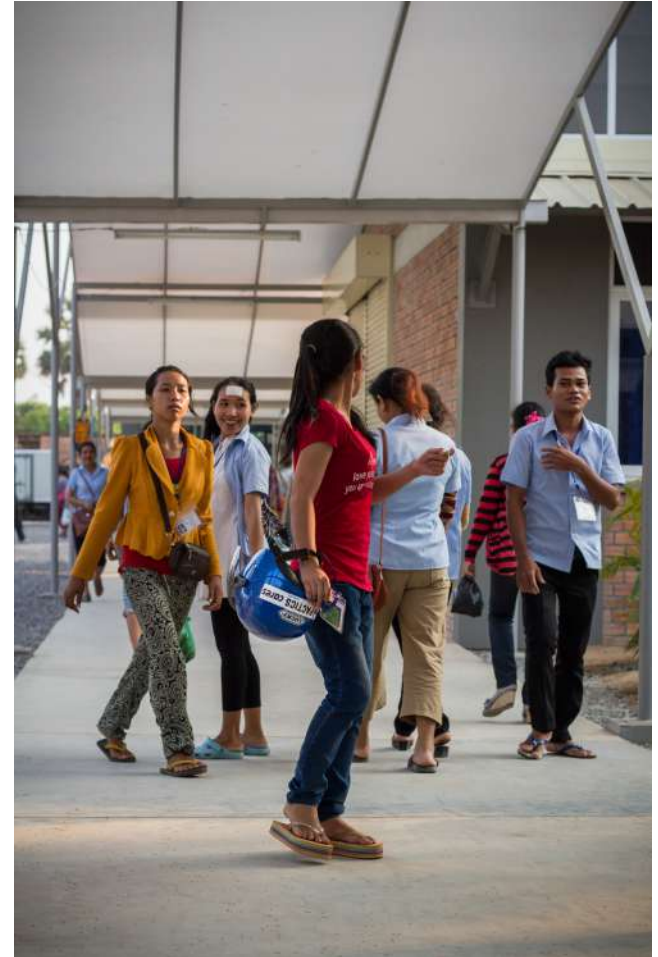
<https://www.youtube.com/watch?v=oz2RjA7WAp8>





# Pactics facts and figures

- Founded in: 2004
- Number of employees: 550+
- Product lines: Eyewear Accessories  
Travel & Luggage Goods  
FACEWEAR
- Products per annum: 35-40 million
- Most important customers: Luxottica (Ray Ban – Oakley)  
ChicoBag  
Gogglesoc
- Turnover: USD 7.5 million



# Pactics values

We believe that good partnerships founded on good practices and trust is essential for good business

We are a result-oriented, open-minded and pragmatic business team

We are transparent and no-nonsense experts

We keep our promises with everyone

Good products are made by putting people and the planet first.



# The Pactics value proposition



- We provide high quality products, with excellent customer service at long term sustainable competitive pricing,
- While controlling the entire supply chain with regards to our clients' Quality, Delivery Performance & Corporate Social Responsibilities.
- PACTICS has a proven track record to be a reliable supplier since 2004:
  - Excellent quality
  - On-time delivery
  - Competitive pricing (value for money)
  - Compliant
  - Responsible
  - Manufacturing in Cambodia and sourcing worldwide.
  - VMI Warehousing in Europe, China and North America.
  - DDP delivery including logistics from Cambodia



We ensure maximum protection for the most valuable assets our clients have: their brands.

# The Pactics promise

What if manufacturing businesses stopped simply following the status quo?  
What if we actually worked to make it better? Not just once, but every single day.  
What if we actually challenged the fundamental beliefs about factories and created a truly sustainable environment that uplifts our people, our partners, and our planet?

At PACTICS Cambodia this isn't just some pipe dream, this is our reality, our daily promise:

- We promise to set an example in the industry by upholding the human element of manufacturing through both environmental and social responsibility.
- We promise to ignite the imagination of our partners by using our unique printing technology that creates products as vivid and bespoke as they are.
- We promise to use our knowledge, skill, and passion to help and train companies in our supply chain to be responsible.

Why? Because that is our culture.

We believe in not only moving fast, but in building endurance, stamina, and a network of partners who care just as much as we do.

We believe that by leading the pack, we can take control of our own path and help create a new direction in our supply chain.

Most importantly, we know in doing so we sleep a lot better.