



meryl® medical

# HEIQ V-BLOCK PERMANENT TECHNOLOGY

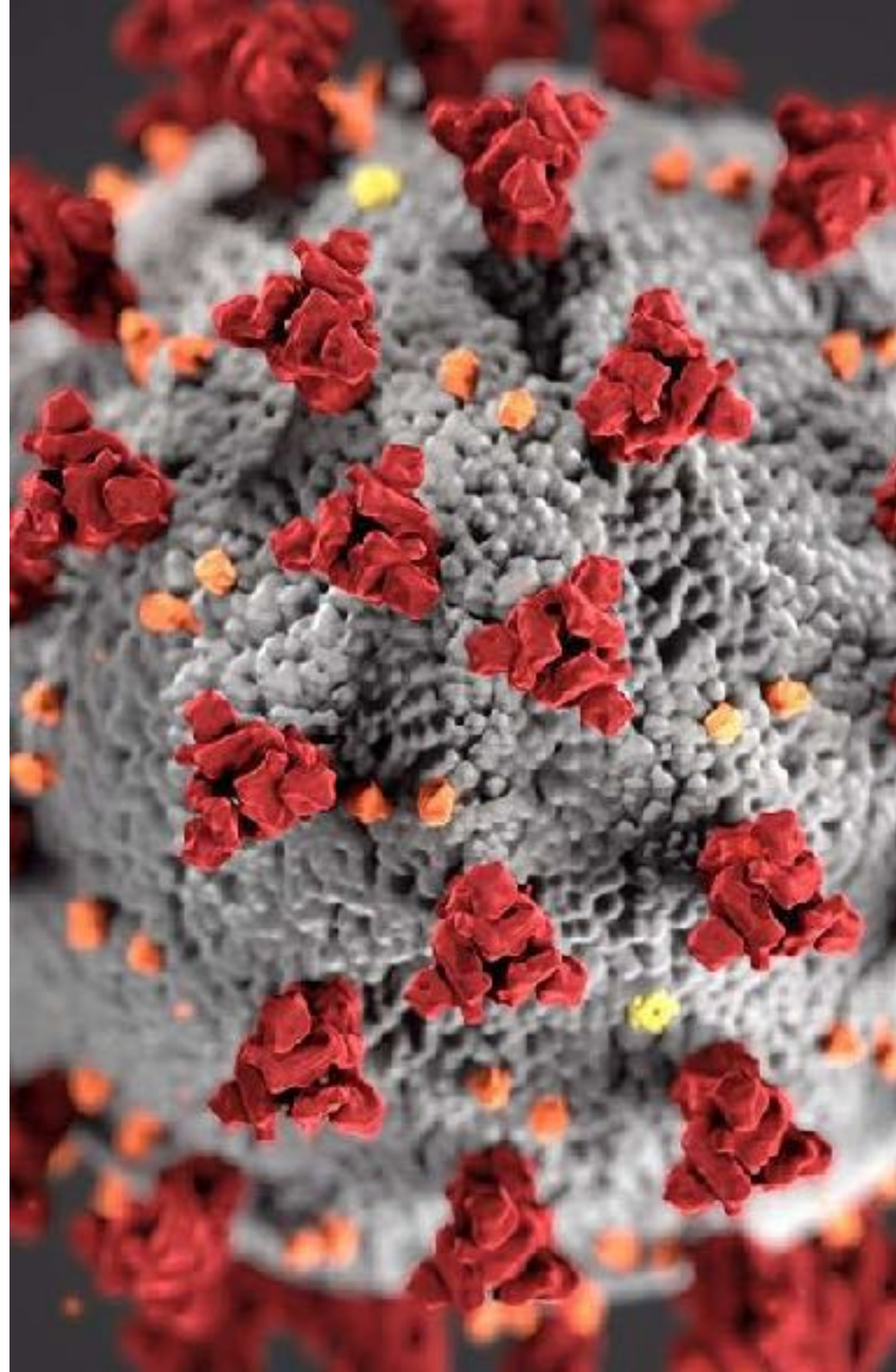
People touch their faces every 3 minutes (20 times per hour). Most of the infections are transmitted from the hands to our garments, since conventional garments do not inhibit the proliferation of viruses and bacteria, and release microfibrils contaminated by these organisms, which are then spread into the air. For this reason, to contribute in stemming the spread of global pandemic and for post-pandemic use, it is crucial to provide protective fabrics, with antiviral, antibacterial and antimicrobial properties.

Meryl Medical has developed Meryl® Skinlife with HeiQ Viroblock Permanent, a technology which infuses silver-ions active ingredients into the matrix of the yarn. This advanced technology ensures that no germs or microbes can grow in the fabric. The silver-ion active ingredient carry a positive charge and attracts the negatively charged microbes and rapidly oxidate these organisms, blocking their ability to spread.

Our Hydrogen Technologies also allows an even longer durability of the garments, thanks to the molecular composition of the yarn. This results in continuous microfilaments, with natural stretch that do not release microfibrils. Therefore, this innovation is helping the fabric and clothing industry move forward sustainable and full circular economy.

Meryl Skinlife Force is active against the main groups of bacteria Gram + (S. Aureus) and Gram - (K. Pneumonia). Thanks to the presence of antimicrobial agents in the polymer matrix, there is no tissue migration to the skin, avoiding the induction of allergy.

The active ingredient of Meryl Skinlife Force has been registered and certified by the United States Environmental Protection Agency (US EPA 85249-1) and by the US FDA (Food and Drug Administration).







**FABRICS RECOMMENDED  
FOR BASE LAYERS,  
UNIFORMS & SCRUBS**

# Healthcare Uniform

**REF:** MAKARSKA (H28)

**COMPOSITION:** 100% Meryl Hydrogen with Skinlife Force

**WEIGHT:** 160gr/m2

**WIDTH:** 160 cm



Infinitely Recyclable



Zero Microfiber Pollution



Zero Solvents



Less Water



**HEIQ**  
**V-BLOCK**  
**PERMANENT**



# School Uniform

**REF: MAKARSKA (H28)**

**COMPOSITION:** 100% Meryl Hydrogen with Skinlife Force

**WEIGHT:** 160gr/m<sup>2</sup>

**WIDTH:** 160 cm



Infinitely Recyclable



Zero Microfiber Pollution



Zero Solvents



Less Water



**HEIQ**  
**V-BLOCK**  
**PERMANENT**





# Meryl® Skinlife Force

**REF:** RASTOKE

**COMPOSITION:** 100% Meryl Hydrogen

**WEIGHT:** 240gr/m2

**WIDTH:** 140 cm



Infinitely Recyclable



Zero Microfiber Pollution



Zero Solvents



Less Water



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**V-BLOCK**  
**PERMANENT**



# Meryl® Skinlife Force

**REF:** SIR BANI YAS (47336)

**COMPOSITION:** 100% Meryl Hydrogen

**WEIGHT:** 130 gr/m2

**WIDTH:** 175 cm



Infinitely Recyclable



Zero Microfiber Pollution



Zero Solvents



Less Water



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**V-BLOCK**  
**PERMANENT**

# Meryl® Skinlife Force

**REF:** LORCA (46629)

**COMPOSITION:** 100% Meryl Cotton 66

**WEIGHT:** 175 gr/m2

**WIDTH:** 155 cm



Infinitely Recyclable



Zero Microfiber Pollution



Zero Solvents



Less Water



**HEIQ**  
**V-BLOCK**  
**PERMANENT**







## MERYL SKINLIFE FORCE FACE MASKS

Meryl® face masks are made with 100% Meryl® Skinlife hi-tech fabric with HeiQ Viroblock Permanent antimicrobial technology, which completely inhibits the proliferation of microbes and germs in the fabric. The active ingredient is approved by the United States Environmental Protection Agency (US EPA 85249-1) and by the US FDA (Food and Drug Administration).

The fabric has an extremely soft touch and protects your skin from redness and allergic reactions. Furthermore, the fabric does not release contaminated microfibers into your mouth and lungs when breathing.

Meryl® face masks are 100% recyclable, without chemical finishes, totally safe, hypoallergenic and non-toxic. Masks are tested and certified according to Oeko-Tex® 100 standards and certified by the Leitat Technological Center.

Meryl® face masks are odorless, fresh and lightweight. The masks reduce the risk of contagion through the air by not releasing microfibers carrying viruses or microbes, and they are washable at 60°C for up to 100 times without losing their effectiveness.

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**V-BLOCK**  
**PERMANENT**



# Meryl® Skinlife Force Fabric

**REF: MAKARSKA (H28)**

**COMPOSITION:** 100% Meryl Hydrogen

**WEIGHT:** 160gr/m2

**WIDTH:** 160 cm



Infinitely Recyclable



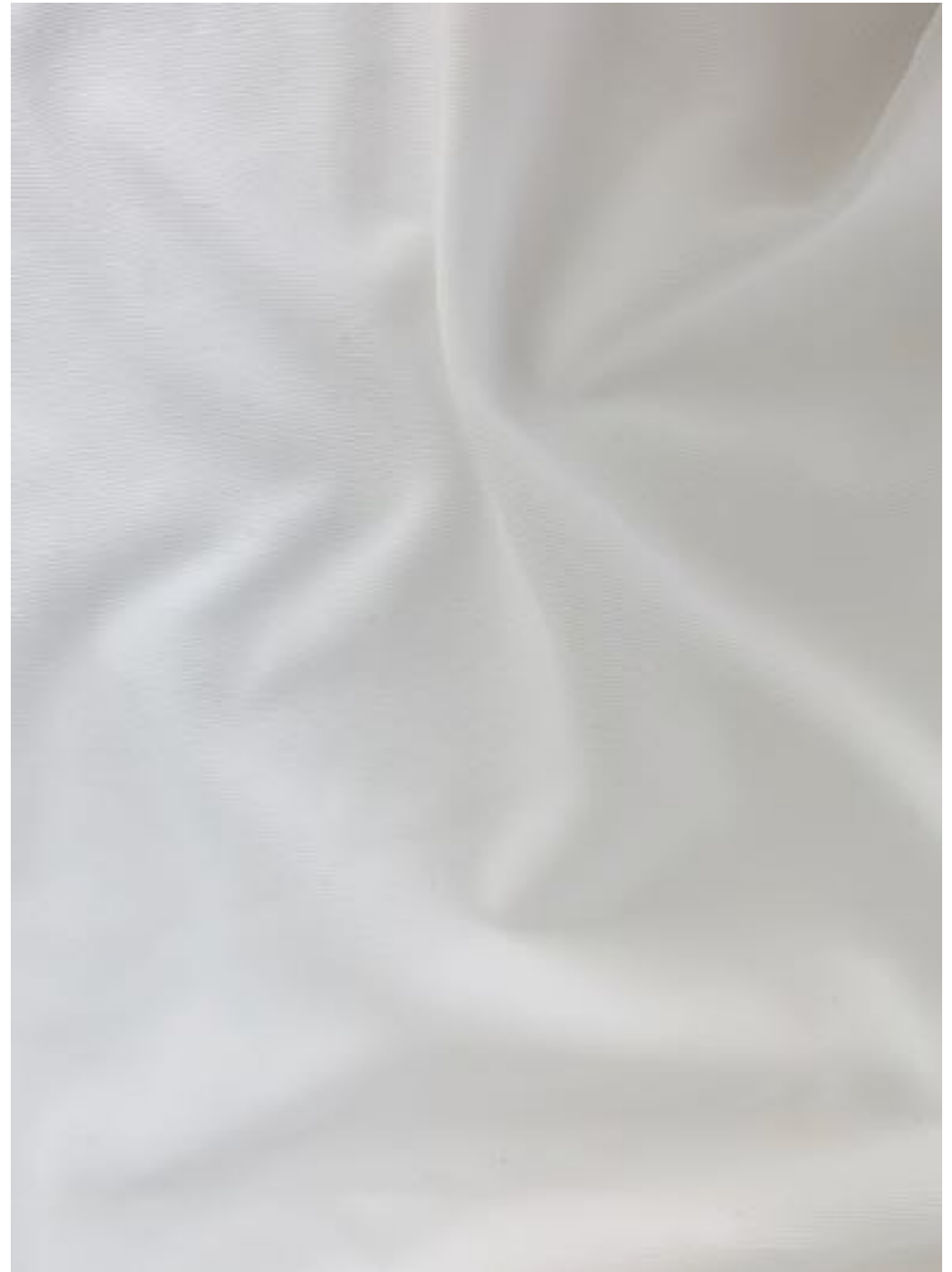
Zero Microfiber Pollution



Zero Solvents



Less Water



# Meryl® Skinlife Force Fabric

**REF:** SLUNJ (HH20)

**COMPOSITION:** 100% Meryl Hydrogen

**WEIGHT:** 280gr/m2

**WIDTH:** 145 cm



Infinitely Recyclable



Zero Microfiber Pollution



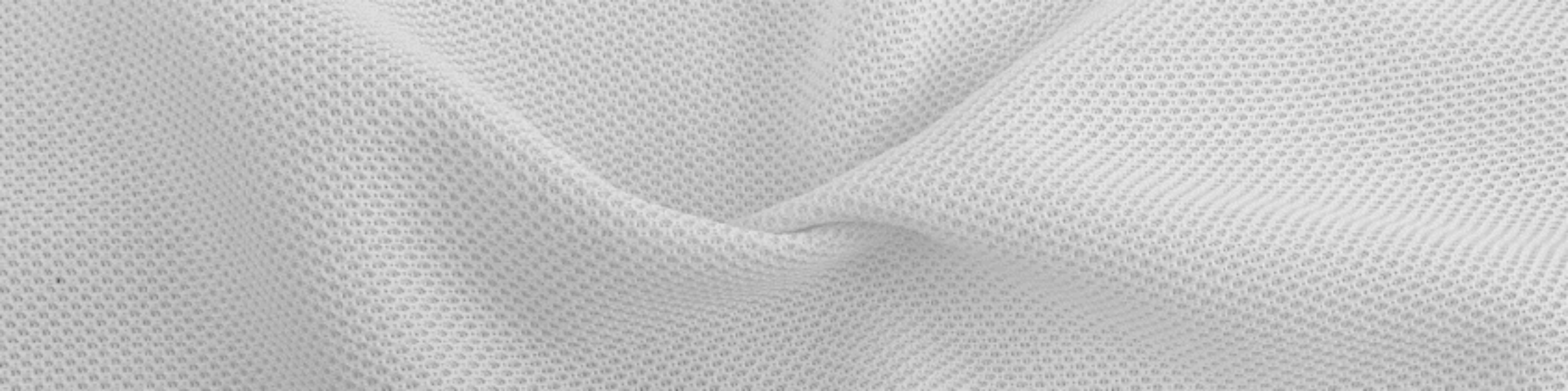
Zero Solvents



Less Water







#### **PERMANENT PROTECTION**

Permanent antiviral, antimicrobial and antibacterial protection.

#### **ZERO MICROFIBER POLLUTION**

Meryl masks do not release microfibres into your mouth and lungs, thus are reducing one of the main vectors of infection.

#### **UNPARALLELED PROTECTION**

The product respects the UNE 0065/2020 specifications for reusable hygienic masks. Bacterial filtration of the fabric is 92.58%, and breathability is 54 Pa/cm2.

#### **GUARANTEED COMFORT**

Face masks have supremely soft touch and protects the skin from redness and allergic reactions. Comfort is guaranteed during long period of use.

#### **ODORLESS AND REUSABLE**

Completely odorless. Thanks to the silver ion technology, inhibits the proliferation of microbes and germs in the fabric. Reusable up to 100 washes without losing effectiveness.

#### **HI-TECH MATERIALS**

Manufactured 100% with Meryl® Skinlife Force fabric with HeiQ V-block Permanent Technology.

#### **100% RECYCLABLE**

100% recyclable face masks which allows full sustainable and circular economy.

#### **USE & CARE**

Washable up to 100 times without loss of effectiveness. It is recommended to wash the mask no more than once a week as the mask is odourless. Easy care properties, with zero wrinkles and no need to iron.

#### **MANUFACTURED IN SPAIN**

Product manufactured in Spain in collaboration with disabled foundations.

#### **COLORS**

Available in 3 colors: Black, Grey and White.

#### **SIZES**

Adults > Length: 18 cm / Width: 10 cm  
Children 10-12 years > Length: 16 cm / Width: 9 cm  
Children 6-9 years > Length: 14 cm / Width: 8 cm  
Children 3-5 years > Length: 12 cm / Width: 7 cm



TEXTILES

# Meryl® Skinlife

**REF:** MERYL RESORT DOLCE

**WARP + WEFT:** Meryl Cotton 66 90/96 FD RD

**COMPOSITION:** 100% Meryl Cotton 66

**WEIGHT:** 102 gr/m2

**WIDTH:** 330 cm



Infinitely Recyclable



Zero Microfiber Pollution



Zero Solvents



Less Water



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**V-BLOCK**  
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# Meryl® Skinlife

**REF:** MERYL FULL TRACTION

**WARP + WEFT:** Meryl Cotton 66 90/96 FD RD

**COMPOSITION:** 100% Meryl Cotton 66

**WEIGHT:** 80 gr/m2

**WIDTH:** 300cm



Infinitely Recyclable



Zero Microfiber Pollution



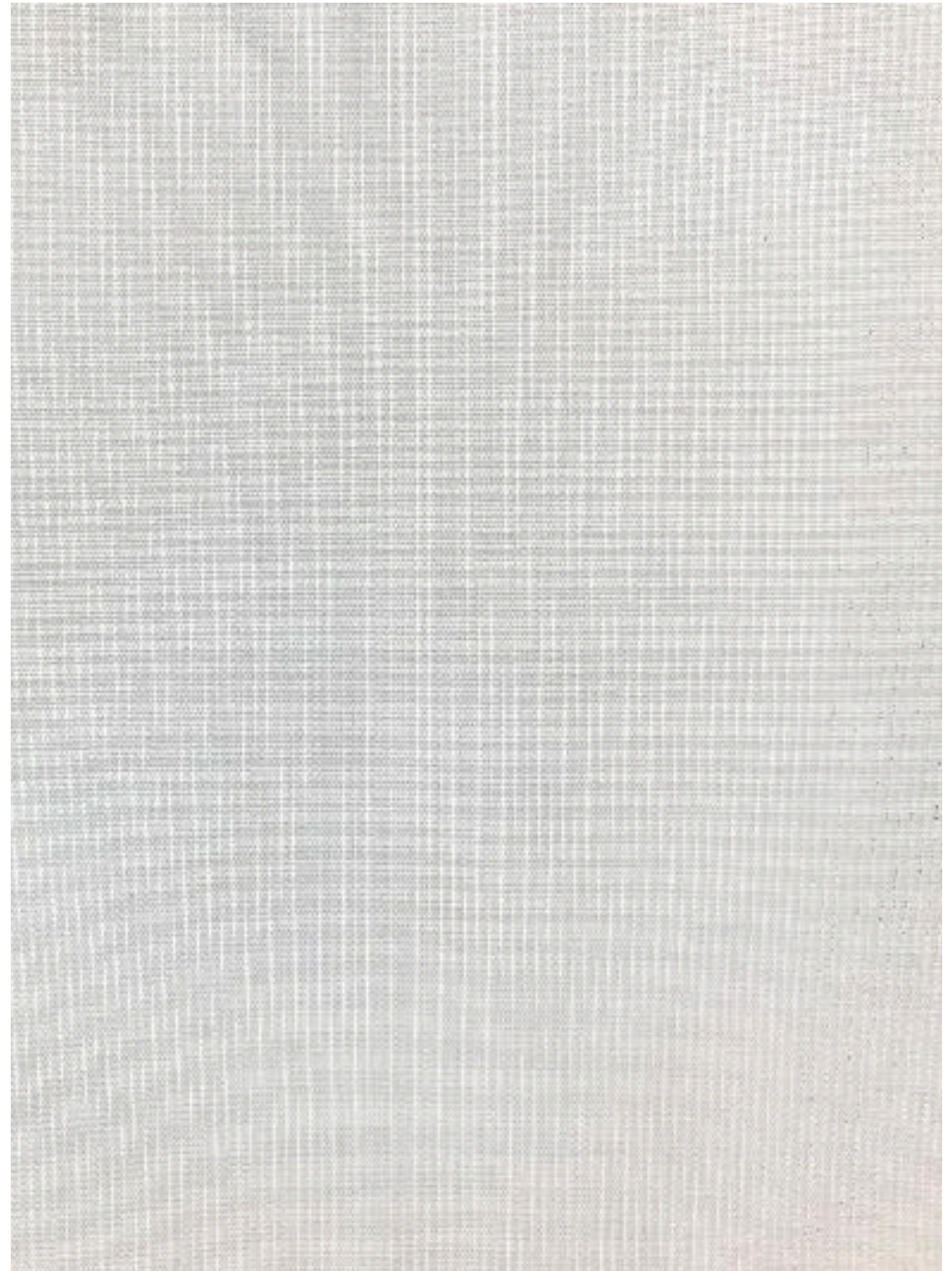
Zero Solvents



Less Water



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# Meryl® Skinlife

**REF:** MERYL RESORT SWEET

**WARP:** Meryl Cotton 66 90/96 FD RD

**WEFT:** Meryl Hydrogen 78/68 SD RD

**COMPOSITION:** 100% Meryl

**WEIGHT:** 95 gr/m2

**WIDTH:** 300cm



Infinitely Recyclable



Zero Microfiber Pollution



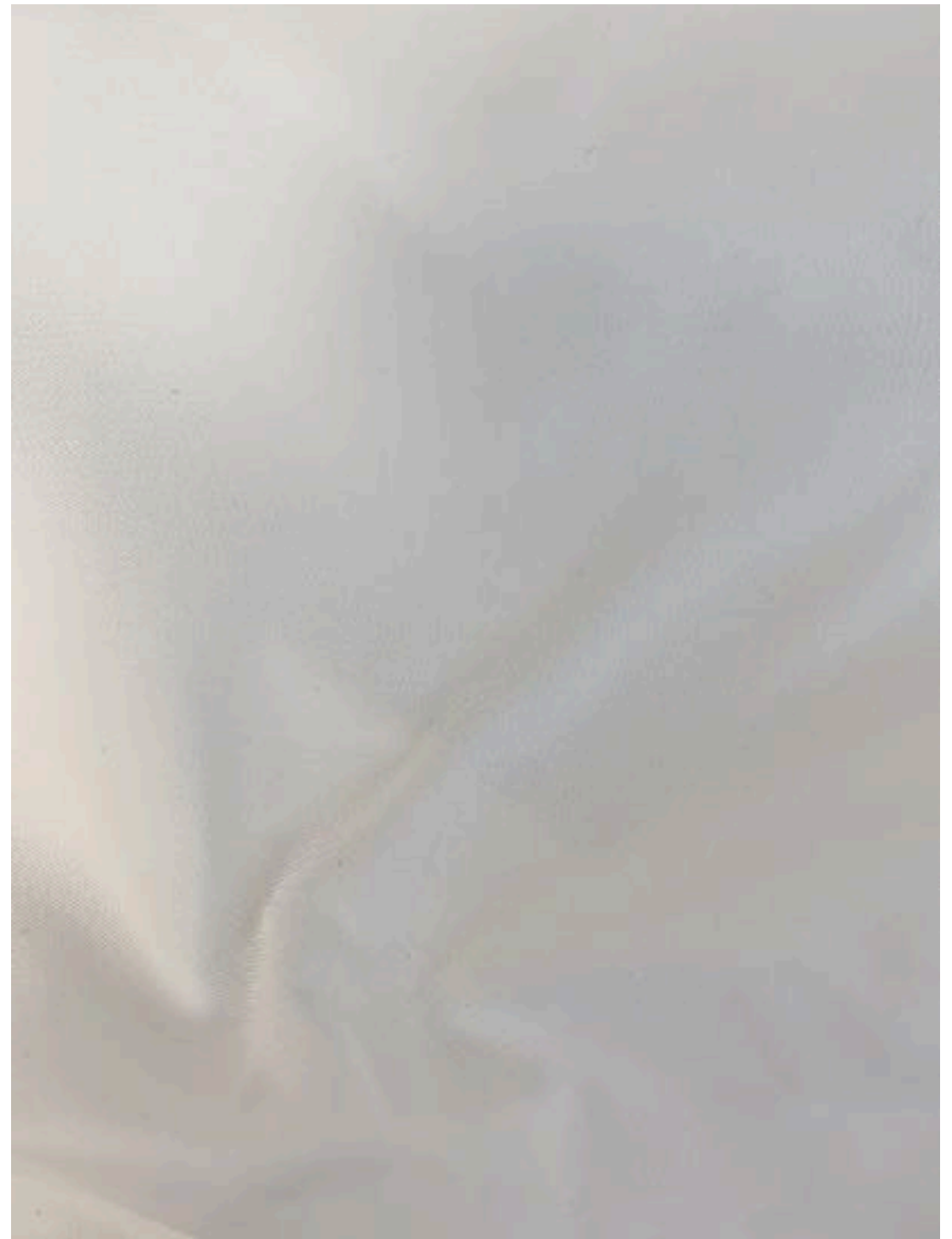
Zero Solvents



Less Water



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**PERMANENT**







MERYL POLO SHIRT



## 100% recyclable

Garments made with 100% Meryl yarns are infinitely recyclable.

## Solvent free

Without the use of silicones or softeners.

## Exceptional touch

With the distinguished touch of Meryl®, known since 1923.

## Natural elasticity

Garments made with Meryl premium yarns inherit natural elasticity without the need of elastane.

## Zero water

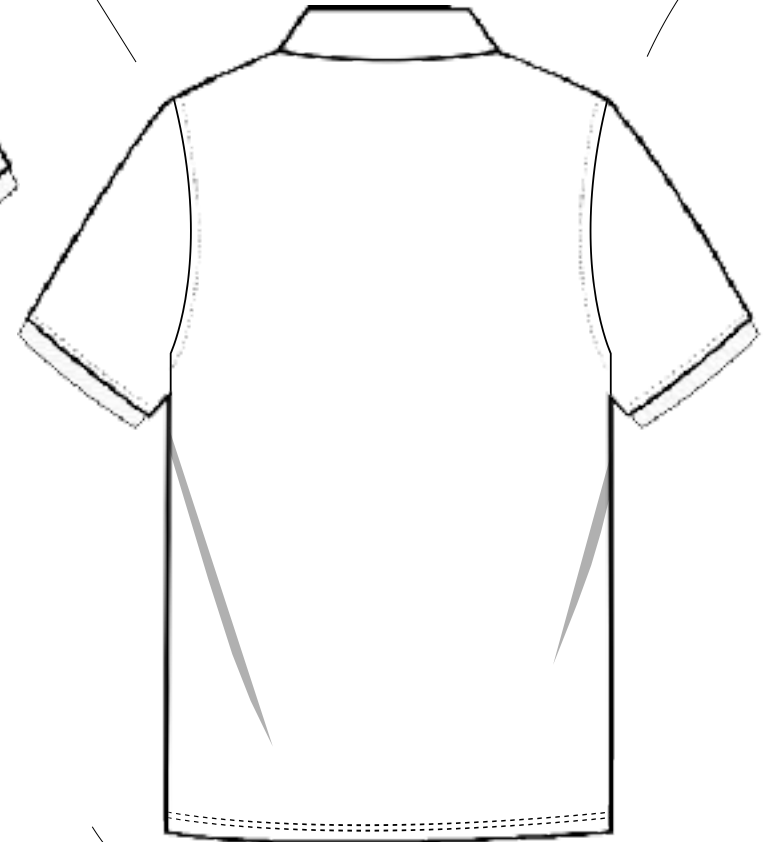
Can be made with Zero Water dyeing technology Ecodye. Meryl offers a wide range of Ecodye color palette.

## Zero microfiber pollution

Meryl garments are made with premium yarns technologies which do not release microfibres to the air and oceans, and are certified as non-polluting.

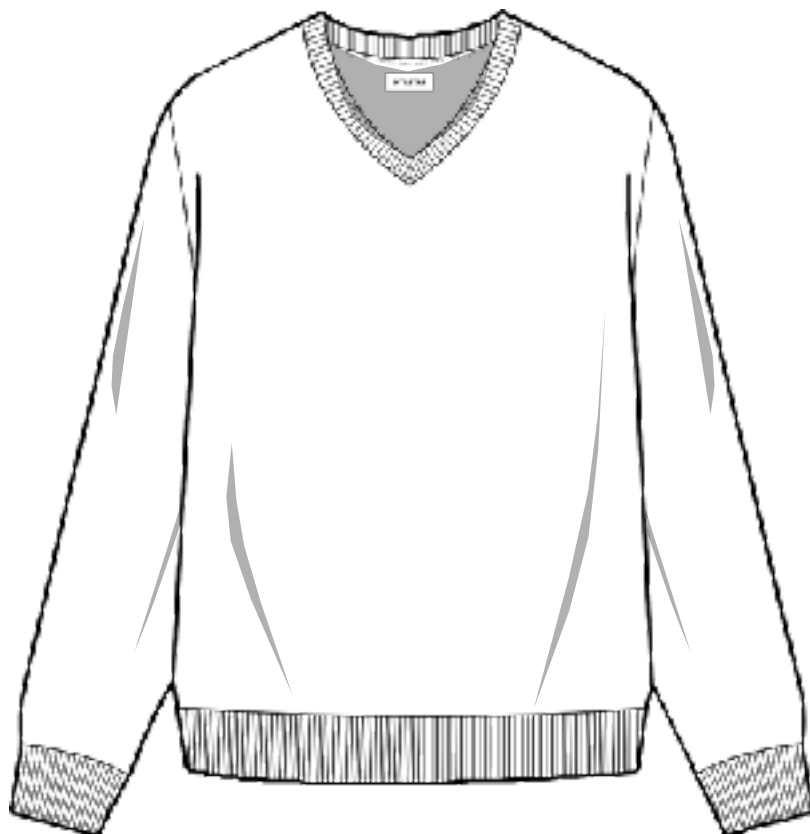
## Permanent antiviral protection

Meryl Skinlife silver technology, powered with HeiQ Viroblock Permanent, which inhibits the proliferation of virus, bacteria and odours in the fabric. Certified by Leitat, and Oeko-Tex.





**100% CIRCULAR SWEATER**



### **PERMANENT ANTIVIRAL PROTECTION**

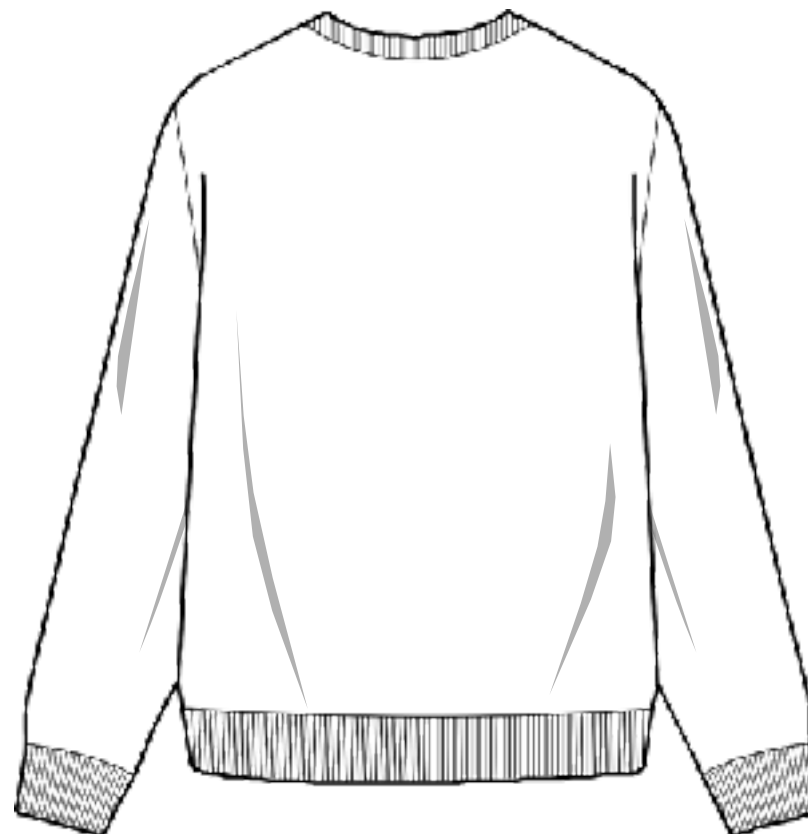
Meryl Skinlife silver technology, powered with HeiQ Viroblock Permanent, which inhibits the proliferation of virus, bacteria and odors in the fabric. Certified by Leitat, Nateo and Oeko-Tex.

### **ZERO MICROFIBER POLLUTION**

Meryl garments are made with premium yarns technologies which do not release microfibers to the air and oceans, and are certified as non-polluting.

### **NATURAL ELASTICITY**

Garments made with Meryl premium yarns inherit natural elasticity without the need of elastane.



### **EXCEPTIONAL TOUCH**

With the distinguished touch of Meryl®, known since 1923.

### **SOLVENT FREE**

Without the use of silicones or softeners.

### **ZERO WATER**

Can be made with Zero Water dyeing technology Ecodye. Meryl offers a wide range of Ecodye color palette.

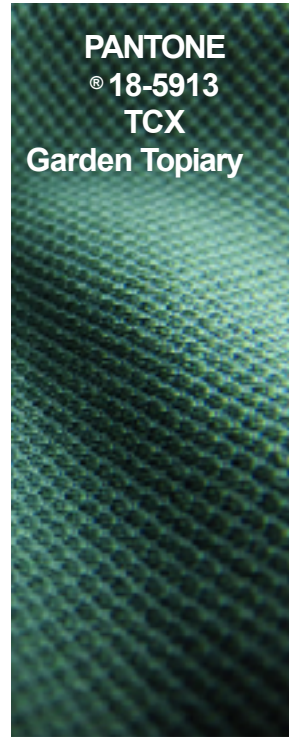
### **100% RECYCLABLE**

Garments made with 100% Meryl yarns are infinitely recyclable.

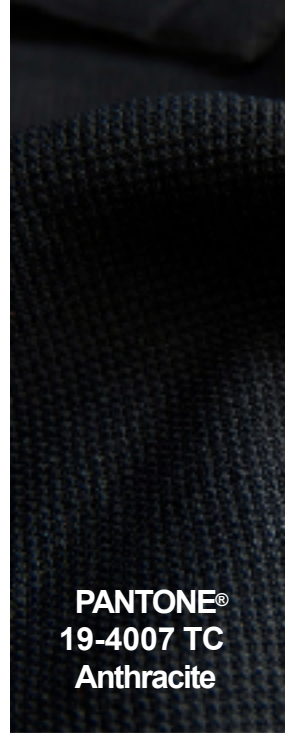




**PANTONE®**  
**19-4121 TPX**  
**Blue Wing Teal**



**PANTONE®**  
**18-5913 TCX**  
**Garden Topiary**



**PANTONE®**  
**19-4007 TC**  
**Anthracite**



**PANTONE®**  
**19-1530 TCX**  
**Burnt Russet**



**WHITE**

**POLO & SWEATER PANTONES**

# HYALURONAN GLOVES

A high technological fiber which was developed by Meryl Medical in a close collaboration with Endor technologies and using active principle from the Swiss laboratory HeiQ. Advanced care and protection thanks to the combination of gold with hyaluronic acid bonded nanoparticles together with silver ions. The active principle is added to the molecular structure of the yarn during the spinning process to create the permanent effect.

Gold with hyaluronic acid particles act directly on skin cells, stimulating their own hyaluronic acid production achieving moisturizing, firming and antioxidant properties. Silver ion technology inhibits completely the proliferation of bacterias and viruses in the fabric, assuring completely odorless and protective garments.



MOISTURIZING EFFECT



FIRMING EFFECT



ANTIOXIDANT EFFECT



ANTIVIRAL, ANTIBACTERIAL & ANTIMICROBIAL



ZERO MICROPLASTIC POLLUTION



CERTIFIED  
BY



US EPA 81249-1

ENDORTechnologies°



Recommended for:

STUDIO SPORTS

OUTDOOR SPORTS

RUNNING

## HYDROGEN SOCKS

### MERYL® HYDROGEN



SUPREME TOUCH



NATURAL STRETCH



HYDRATION



ZERO MICROPLASTIC POLLUTION



ZERO CHEMICALS



100% RECYCLABLE

CERTIFIED  
BY



# RECYCLING & CIRCULARITY

WE CLOSED THE LOOP!

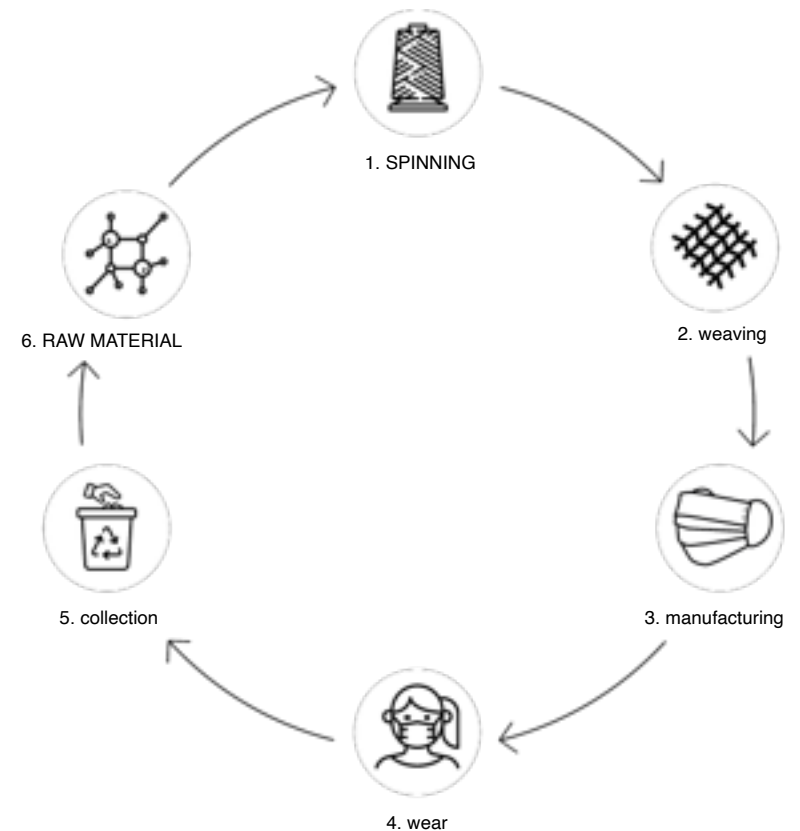
1. We collect our yarns and garments at the end of their useful life

2. They go through a physical process in which they are converted back into base polymer. Phases:

1. Melting of the initial product
2. Filtering of impurities
3. Cutting of the base polymer back to pellets

3. This polymer is used to manufacture yarn with the same properties as virgin yarn, which in turn is available for new masks.

4. The 100% of the original garment is recycled







## CERTIFICATIONS OF EXCELLENCE

The high-tech Meryl® Skinlife Force fabric is certified by Oeko-Tex 100 STANDARD, ensuring that the product is free of toxic substances. The silver active principle of Meryl Skinlife Force has been registered by the United States Environmental Protection Agency (US EPA 85249-1) and by the US FDA (Food and Drug Administration).

Meryl Medical and the Spanish laboratory Leitatz carried out a study about the release of microfibrils into the air and water. All Meryl fabrics and their fibers are certified as 100% free of microfibre release into the air and water.

All of our masks are approved by the UNE 0065:2020 standard and are a patented, additive-free, non-toxic model.



US EPA 85249-1





# meryl® medical

## **HEADQUARTERS**

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