POLYGIENE®

FOR MINDFUL LIVING

MEETING | WWUG Innovations

ESTABLISHED IN MALMÖ, SWEDEN, 2006

Tech company with a focus Principally Odour Control and Cooling.

We do this on Textiles and Hard Surfaces

Work with +200 global premium brands

Listed on NASDAQ First North, Stockholm Sweden

Background in the care sector – extensive know-how

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MEET SOME OF OUR PARTNERS

Our innovative technology has helped hundreds of top brands and product suppliers take their consumables to a new level, reimagining freshness and redefining protection for your SPACES.

WORKWEAR GROUP

CAT

GENERAL TACTIC

BULLITT

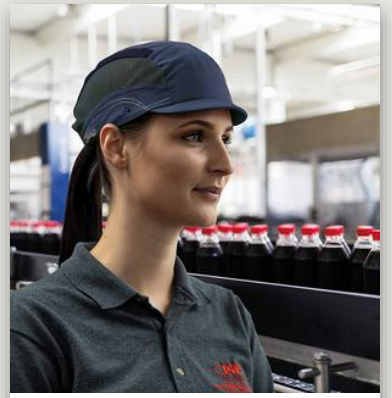
fashion-promo
INNOVATIVE EINKLEIDUNGSKONZEPTE

GROENENDIJK

DHL

WS WHOLE SAFETY

WORK SOUL



JSP

TRICORP WORKWEAR

WHY ODOR MATTERS

CONSUMER RESEARCH TELLS US THAT ODOR REMAINS ONE OF THE MAIN REASONS GARMENTS ARE:

- Washed more frequently
- Worn fewer times
- Discarded earlier than intended

Bad smelling garments consistently rank as one of the highest consumer concerns. Consumers will not wear clothing that smells bad.

What Causes Odors?

There are two primary sources of odors:

1.Bacterial odors. These result from the growth of bacteria and other microbes.

These are released by our bodies when we sweat and become trapped in the fabric of our clothing.

2. Environmental odors – odors from external sources, such as smoke from fires, cooking smells, rubbish ,bins, environmental waste, organic waste – Often known as VOC's

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Why do our clothes smell bad?

- Every time we do an activity we sweat and odour causing bacteria get trapped in the fibers of our clothing.
- When you put on a T-shirt, bacteria wake up and start to multiply as they have heat and moisture.
- When generation after generation start dying in your garment, it will smell bad.
- Washing does not remove bacteria they are merely dormant
- Odour molecules “stick” to the fibers
- Polyester fibers tend to smell bad quickly as they shed odour molecules.

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3 Key Technologies

POLYGIENE STAYFRESH™

Antibacterial, freshness technology that inhibits the growth of odor causing bacteria.

POLYGIENE ODORCRUNCH2.0

The highest performing odor capture on the market

POLYGIENE STAYCOOL™

Moisture activated continuous cooling

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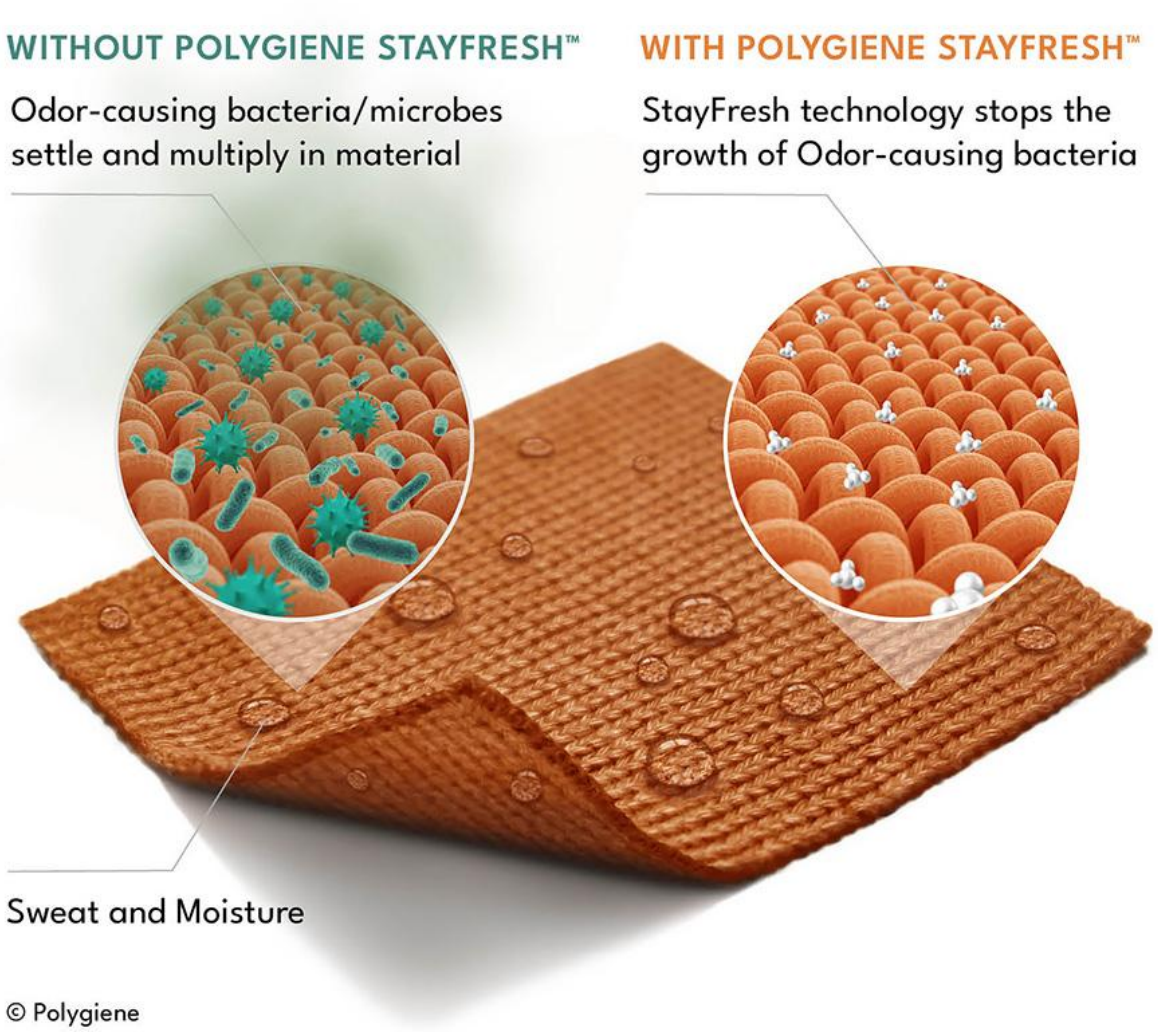

POLYGIENE **STAY**FRESH™

Polygiene StayFresh™ is embedded in textiles to provide freshness for the entire lifespan of most products.

Silver ion technologies often utilize silver chloride, a salt that occurs naturally in water and soil. The positively charged silver ions in silver chloride benefit from antimicrobial properties.

They act on odor-causing bacteria as a " Tripple Threat"

- Binding to the cell membrane proteins responsible for transporting substances in and out of the bacterial cells.
- Binding to the cell DNA to prevent block cell division.
- Blocking the bacterial respiratory system to inhibit cellular energy production.

How does Polygiene StayFresh work?

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Polygiene Stay**Fresh** has been successfully tested on most common organisms in many applications. This list identifies the main strains tested and their properties.

- **Candida albicans:** Causes thrush and skin infections.
- **Campylobacter:** Resulting in cramps, fever, diarrhoea and occasional death.
- **Escherichia coli:** Causing gastroenteritis, sometimes fatal.
- **Klebsiella pneumoniae:** Pathogenic, causing hospital and community acquired infections.
- **Methicillin Resistant Staphylococcus Aureus (MRSA):** An opportunistic path- ogen causing a wide variety of infections. There are currently 27 known pathogenic serotypes of MRSA, each highly contagious and resistant to most antibiotic treatments. Common in hospital acquired infections.
- **Salmonella enteritidis:** Gram negative bacillus, with over 1000 known pathogenic serotypes, causing enteric or typhoid fever in humans. Found in the gut of animals, birds, and human carriers. Infection is passed through poor hygiene.
- **Salmonella typhimurium:** Can cause diarrhoea Salmonella infections can become very serious, leading to complications.
- **Vancomycin resistant enterococci (VRE):** Bacterial strains of the genus Enterococcus that are resistant to theantibiotic Vancomycin.
- **Influenza A virus (H1N1):** illness with fever, cough, sore throat and body aches; complications can include pneumonia and worsening of underlying disease.
- **Influenza A virus (H3N2):**. Causes influenza and is often associated with higher rates of severe illness in older adults; complications may include pneumonia, secondary bacterial infections and exacerbation of chronic conditions.
- **SARS-CoV-2:** Causes COVID-19, ranging from asymptomatic or mild upper-respiratory illness to severe pneumonia and systemic complications; some individuals develop prolonged symptoms after acute infection (post-COVID conditions).

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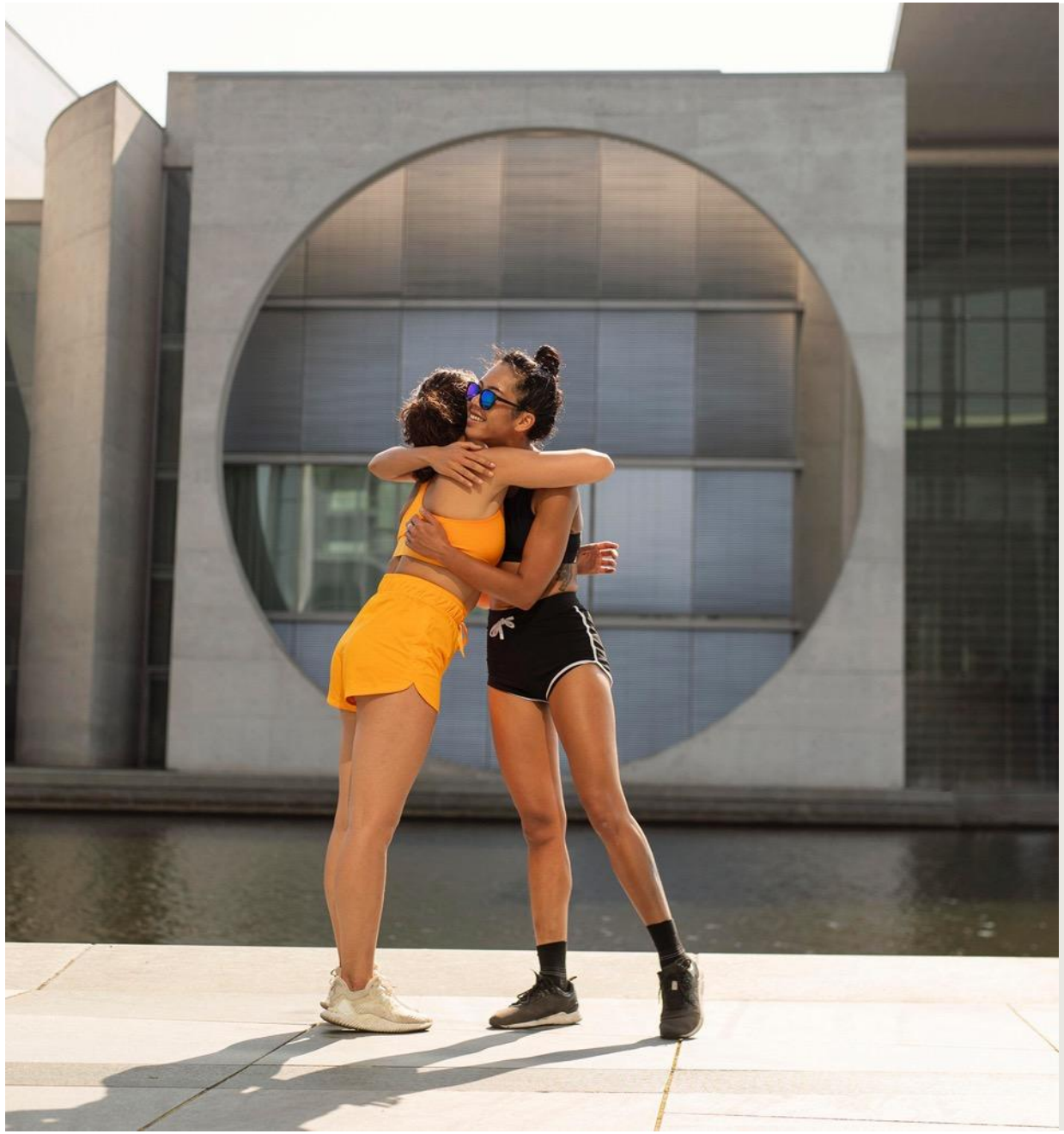
POLYGIENE ODORCRUNCH2.0

1. Captures and absorbs body and environmental odors within the textile structure

2. Binds the molecules preventing the release of odors during wear

3. OdorCrunch 2.0 is designed to withstand the rigors of repeated consumer laundering.



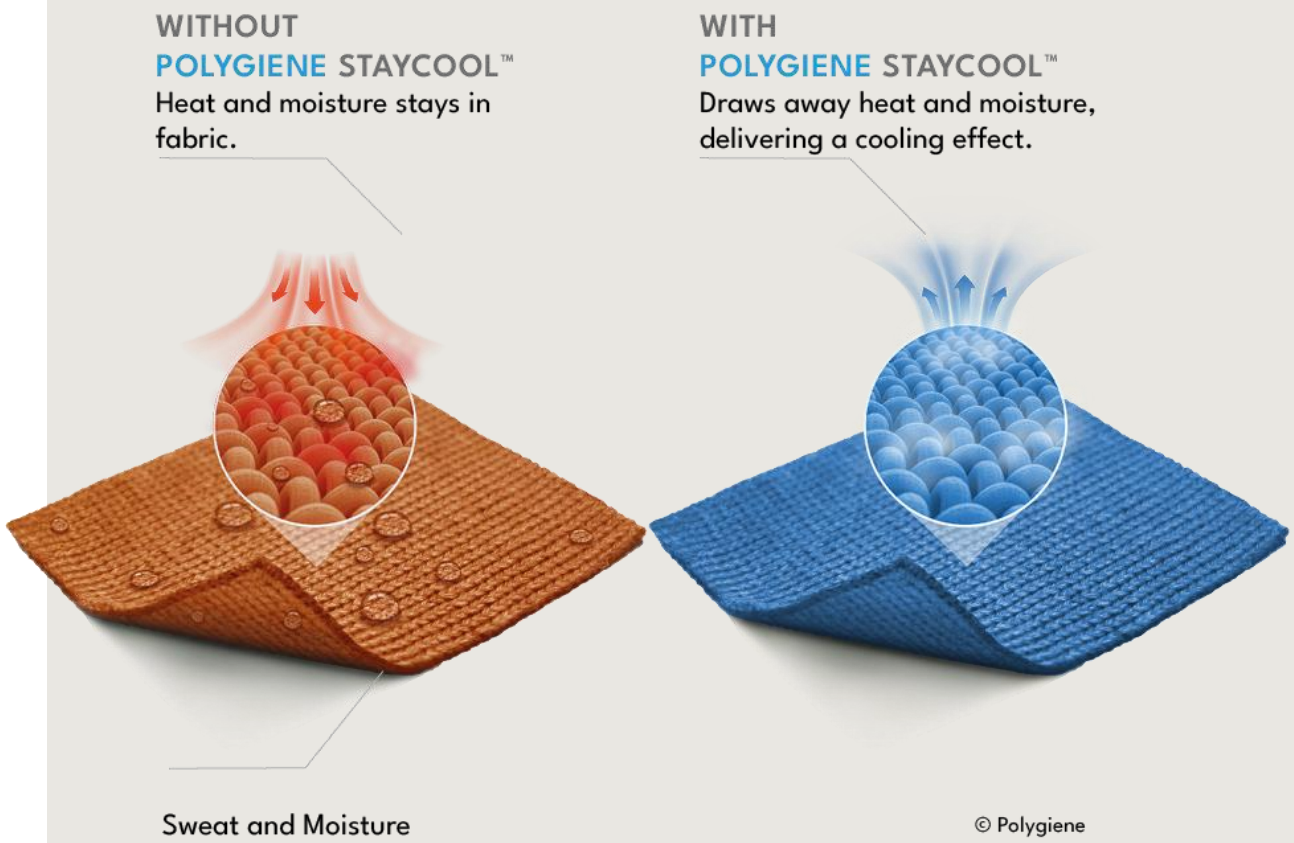
INTRODUCING...

POLYGIENE®
ODORCRUNCH2.0

Polygiene OdorCrunch2.0 is a next-generation odor capture technology designed to significantly reduce odors in apparel and textiles.

Benefits and Characteristics:

- Enhanced performance against body odor
- Broad fabric compatibility
- Long-lasting durability
- Great compatibility with textile processing
- Oekotex, Bluesign and GOTS certified, Biodegradability under evaluation
- Highlight of the Performance Days Innovation Forum, March 2026.



POLYGIENE STAYCOOL™

ENHANCED COOLING FOR ADDED COMFORT

WHAT IS POLYGIENE STAYCOOL?

- Moisture-activated cooling technology for a cooling sensation.
- Lowers fabric temperature by **2–3˚C (4.3–5.4˚F)**.

HOW DOES IT WORK?

- A **thermo-reactive polymer matrix** binds to fabric fibers.
- Activates upon contact with sweat and moisture for long-lasting cooling.
- Enhances moisture transport and improves fabric ventilation.

KEY BENEFITS

- **Cooling effect** – keeps you fresh and comfortable.
- **Long-lasting performance** – effective for up to **50 washes**.
- **Works on multiple fabrics** – cellulosic, synthetics, recycled fibers, and more.
- **Flexible application methods** – can be applied via pad-dry, exhaust, dip, or spray.

PERFECT FOR VARIOUS APPLICATIONS

- **Activewear & sportswear** – supports body temperature regulation.
- **Everyday clothing** – stay cool and confident all day.
- **Home textiles** – cooling pillowcases, bed sheets, and mattresses.
- **Workwear & uniforms** – enhanced comfort for long shifts.

SUSTAINABILITY & CERTIFICATIONS

- Tested according to **FLIR, EN ISO 6330, AATCC 135, Q-Max.**
- Does not interfere with textile recycling processes.
- **Can be combined** with Polygiene StayFresh and/or Polygiene OdorCrunch for odor-free cooling.

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TRENDS IN WORKWEAR

TREND 1: INCREASED HYGIENE AWARENESS

Broader knowledge of virus & bacteria

TREND 2: STRINGENT GOVERNMENT REGULATIONS

Increased Health & Safety Standards

TREND 3: INCREASED NEED FOR SUSTAINABILITY / EUROPEAN GREEN DEAL

Eco-design and longevity of products
Recyclability / Second Life

TREND 4: DEMAND FOR NEW TYPES OF FABRICS / FINISHED PRODUCTS

Comfortable, skin-friendly, highly durable

LIFECYCLE -
FROM CRADLE TO GRAVE

According to Mckinsey's Fashion on Climate report, 21% of fashion's greenhouse gas emissions come from product use at the consumer stage, with 11% of a garment's total emissions originating from how it's cleaned and cared for. The majority of emission reductions at the use phase—up to 186 million tonnes of greenhouse gases—can happen simply by reducing washing and drying

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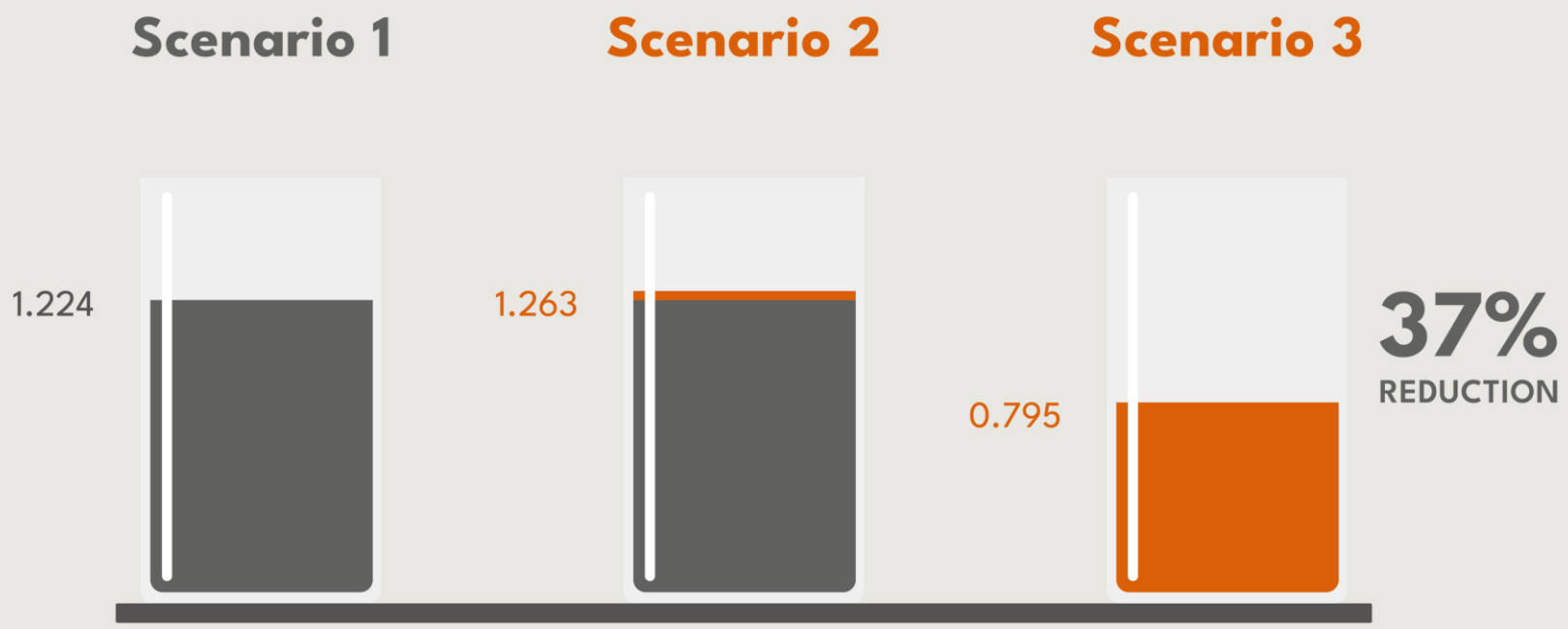
LOW COST, HIGH POTENTIAL GAIN FOR THE ENVIRONMENT



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POTENTIAL BENEFITS

YOU COULD:

- REDUCE WASHING TEMPERATURE ON CLOTHING & UNIFORMS
- ISSUE LESS UNIFORMS FOR NEW EMPLOYEES
- PROLONG WEAR TIME OF GARMENTS BEFORE REISSUING
- PROTECT YOUR BRAND IN FRONT OF YOUR CUSTOMERS
- INCREASE EMPLOYEE SELF CONFIDENCE AND SATISFACTION

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MESSAGING I USPs

- YOU USE LESS ENERGY ,WATER, DETERGENT
- LESS MICROFIBER SHEDDING
- LESS DETERGENTS
- YOUR PRODUCTS LAST LONGER +STRETCH
- ODOR CONTROL PERFORMANCE
- WE SAVE YOU TIME AND MONEY
- YOUR PRODUCTS STAY FRESH FOR LONGER
- CONFIDENCE TO BE STINK FREE

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