

/// PULSAR® *Life*®

At PULSAR® sustainability is our top priority and we have changed the way in which we not only work, but design protective clothing. With the safety of both the wearer and environment in mind, we have made it our responsibility to protect both because we believe that the only future is a sustainable future. Actioning a road map towards our ambitious goals and aligning with as many Sustainable Development Goals (SDG's) as possible, we have taken a whole new direction with a strong influence to **#begreenbeseen** in all areas of the business. We are committed to evolving by working closely with our partners at Positive Planet on carbon capture projects and becoming pioneering signatories of Textiles 2030 to bring positive change and drive sustainable innovation.

This year sees the launch of the PULSAR® environmentally responsible collection called PULSAR® Life, taking a circular approach from the beginning and emphasis on research and development and select the most responsible solutions currently available to make a considered choice, including selecting sustainable fibres and switching out virgin polyester for recycled polyester (RPET). Working with branded partners such as THERMOLITE® and YKK® in using GRS (global recycled standard) certified materials, we can ensure traceability through the programme.

Throughout the development process we have carried out wearer trials to better understand performance requirements and investigate garment construction methods to ensure we create the most durable garments possible to extend the life even further.

REDUCE. REUSE. RECYCLE.



LFE912 | LFE913
LIFE Reversible Puffer Jacket
pg. 25

LFE921 | LFE922
LIFE Combat Trousers
pg. 21

LFE903 | LFE953
LIFE Long Sleeve Polo Shirt
pg. 19





LFE900 | LFE901 & LFE950 | LFE951 LIFE Short Sleeve Polo Shirt

- GRS 45% recycled polyester and cotton fabric composition
- Heat applied 50 wash stretchy segmented reflective tape
- Added moisture wicking treatment to increase comfort
- Recycled GRS Knitted collar for a professional look
- Extended body length
- Ultraviolet Protection Factor rating of 40+, offering maximum protection against the dangers of harmful UV rays
- Silvadur anti-bacterial treatment, reduces bad odours, thus helping to reduce the need to wash the garment when not dirty
- Mesh underarm ventilation

EN STANDARDS



EN ISO 20471
Class 2



EN 13758-2
40+



RIS-3279-TOM
(Orange only)

CODES

MENS:

LFE900 (HV Yellow)

LFE901 (HV Orange)

Sizes: S-6XL

LADIES:

LFE950 (HV Yellow)

LFE951 (HV Orange)

Sizes: 8-26

PRODUCT INFORMATION

COLOUR:

HV Yellow & HV Orange

FABRIC:

45% GRS Recycled Polyester,
55% Cotton Pique, 160gsm

PRODUCT CARE:



UV
PROTECTION



MOISTURE
WICKING



ANTI-
BACTERIAL

LFE903 | LFE904 & LFE953 | LFE954 LIFE Long Sleeve Polo Shirt

- GRS 45% recycled polyester and cotton fabric composition
- Heat applied 50 wash stretchy segmented reflective tape
- Added moisture wicking treatment to increase comfort
- Recycled GRS Knitted collar for a professional look
- Extended body length
- Ultraviolet Protection Factor rating of 40+, offering maximum protection against the dangers of harmful UV rays
- Silvadur anti-bacterial treatment, reduces bad odours, thus helping to reduce the need to wash the garment when not dirty
- Mesh underarm ventilation

EN STANDARDS



EN ISO 20471
Class 3*



EN 13758-2
40+



RIS-3279-TOM
(Orange only)

CODES

MENS:

LFE903 (HV Yellow)

LFE904 (HV Orange)

Sizes: S-6XL

LADIES:

LFE953 (HV Yellow)

LFE954 (HV Orange)

Sizes: 8-26

PRODUCT INFORMATION

COLOUR:

HV Yellow & HV Orange

FABRIC:

45% GRS Recycled Polyester,
55% Cotton Pique, 160gsm

PRODUCT CARE:



UV
PROTECTION



MOISTURE
WICKING



ANTI-
BACTERIAL

*Ladies class 2



BIONIC FINISH[®] ECO

FLUORINE-FREE WATER REPELLENT TEXTILE FINISH

Many engineering challenges humans face can be solved by using natural design as a spring board. BIONIC-FINISH ECO[®] is Mother Nature's work reproduced on textiles and apparel to protect us from water.

From Mother Nature Rudolf borrowed the idea of dendrimers, molecules made of multi-functional branches that interact among themselves, co-crystallise, and self-organize into highly ordered, multi-component systems. They optimise the whole structure, attach to the textile and embed fluorine-free water repellent performance.

BIONIC-FINISH ECO[®], based on proprietary dendrimer technology, comes as a family of unique non-halogenated, APEO-free, fluorine-free formulations suited for different materials and designed for different applications and needs.



Rudolf
BETTER CHEMISTRY

LFE915 | LFE916 & LFE965 | LFE966 LIFE Softshell Jacket

- GRS 93% recycled polyester water repellent and wind-proof fabric
- Zip pulls made from GRS 100% recycled TPU
- GRS 100% recycled polyester sewing thread used throughout
- 25% recycled brass eyelets used throughout
- YKK® ECO NATULON Mechanically recycled zips used throughout
- 7cm wide heat applied segmented reflective tape on the body and sleeves with 2.5cm wide reflective tape on the shoulders
- 2 chest and 2 side hidden zip closure pockets
- Hypalon utility loop at chest area
- GRS 100% recycled polyester elastic shockcord adjustment at hem
- Wrap around adjustment at cuff for optimum fit

EN STANDARDS



EN ISO 20471
Class 3*



RIS-3279-TOM
(Orange only)

CODES

MENS:

LFE915 (HV Yellow)

LFE916 (HV Orange)

Sizes: S-6XL

LADIES:

LFE965 (HV Yellow)

LFE966 (HV Orange)

Sizes: 8-26

*Ladies class 2

PRODUCT INFORMATION

COLOUR:

HV Yellow & HV Orange

FABRIC:

93% GRS recycled polyester,
7% other (refers to laminate & coatings)

PRODUCT CARE:



The fabric of this Softshell Jacket
contains 93% GRS recycled polyester.
Certified by Control Union
CB-CUC-1224147



WINDPROOF



WATER
REPELLENT

LFE921 | LFE922 & LFE971 | LFE972 LIFE Stretch Combat Trousers

- GRS 91% recycled polyester, 9% spandex fabric
- Rudolf Bionic-Finish ECO, fluorine-free, durable water repellent finish fabric protector
- Cordura® recor™ RPET 600D (100% recycled polyester) at knee and hem panels for extra durability
- 4-way stretch for maximum comfort and tapered leg for optimum fit
- GRS 45% recycled brass button waistband fastening
- YKK® Eco Natulon mechanically recycled zip fly
- 5cm wide, heat applied segmented reflective tape on thighs and lower legs
- Additional reflective trim detail above knee and back of leg
- 2 side hip pockets, 2 back pockets and 2 cargo pockets
- Hypalon utility loop at waist
- Knee pad compatible
- Fly fastening with inner waist adjustment system to find perfect fit
- GRS 100% recycled sewing thread used throughout

EN STANDARDS



EN ISO 20471
Class 2



RIS-3279-TOM
(Orange only)

CODES

MENS:

LFE921 (HV Yellow)

LFE922 (HV Orange)

Sizes: 28"-54"

Short (29")

Regular (31")

Tall (33")

LADIES:

LFE971 (HV Yellow)

LFE972 (HV Orange)

Sizes: 8-26

Short (29")

Regular (31")

Tall (33")

PRODUCT INFORMATION

COLOUR:

HV Yellow & HV Orange

FABRIC:

91% GRS recycled polyester, 9% spandex,
Cordura® recor™RPET 600D (100% recycled polyester)

PRODUCT CARE:



The fabric of this Combat Trousers
contains 91% GRS recycled polyester.
Certified by Control Union
CB-CUC-1224147



4-WAY
STRETCH



WATER
REPELLENT

LFE968 | LFE969
LIFE Insulated Parka
pg. 25



GLOBAL RECYCLED STANDARD (GRS)

The Global Recycled Standard (GRS) verifies the percentage of recycled content and tracks it from the source to the final product.

Products certified to the Global Recycled Standard (GRS) contain recycled content that has been (independently) verified at each stage of the supply chain, from the source to the final product. In addition, facilities from the source to final supplier have met strict social, environmental, and chemical requirements.

The purchase of Global Recycled Standard (GRS) certified products demonstrates demand for recycled content and best processing practices in the supply chain.

(TE-301-V1.3-2023.06.01, Appendix D)

PULSAR® is Global Recycled Standard (GRS) certified, Control Union Certifications, CB-CUC- 1224147. Only the products which are covered by a valid transaction certificate are Global Recycled Standard (GRS) certified.



We are certified to the GRS, which certifies recycled material from the source to final product

Certified by Control Union
CB-CUC-1224147

THERMOLITE®

EcoMade

35% RECYCLED PET BOTTLES

Containing a minimum of 35% recycled materials such as plastic bottles, THERMOLITE® T3 EcoMade insulation delivers lofty softness and a higher warmth-to-weight ratio while being extremely lightweight. Combined with good packability and recovery, THERMOLITE® T3 EcoMade insulation sets a new milestone in terms of wearer comfort.

A higher level of water resistance and breathability keeps outdoor workers dry and comfortable, even in demanding conditions. In addition, THERMOLITE® T3 EcoMade technology has outstanding wash durability, which translates into longer garment life and lower environmental impact through fewer replacements and less trash.

Lastly it offers benefits to last the lifetime of the garment.

THERMOLITE® is a trademark of The LYCRA Company



The LYCRA Company

LFE918 | LFE919 & LFE968 | LFE969

LIFE Insulated Parka

- GRS 62% recycled polyester wind and waterproof PU 2-layer laminate fabric ♻️
- Waterproof 2-way main zip
- Double chest waterproof zips pockets with geometric pattern
- 2 lower hidden waterproof pockets and 2 internal zip pockets
- Zip pulls made from GRS 100% recycled TPU ♻️
- 7cm segmented heat applied reflective tape to body and sleeves with 2.5cm wide heat applied segmented reflective shoulder tape
- Detachable, adjustable helmet compatible hood with reflective trim
- GRS 100% recycled polyester sewing thread used throughout ♻️
- Form fitted cuffs for extra comfort
- Elastic shockcord made from GRS 100% recycled polyester ♻️
- GRS 45% recycled brass eyelets and press studs used throughout ♻️
- THERMOLITE® EcoMade 120gsm insulation 35% recycled polyester from post consumer waste ♻️

EN STANDARDS



EN ISO 20471
Class 3



EN343:2019
Class 4.1.X



RIS-3279-TOM
(Orange only)

CODES

MENS:

LFE918 (HV Yellow)

LFE919 (HV Orange)

Sizes: S-6XL

LADIES:

LFE968 (HV Yellow)

LFE969 (HV Orange)

Sizes: 8-26

PRODUCT INFORMATION

COLOUR:

HV Yellow & HV Orange

FABRIC:

Shell - 62% GRS recycled polyester,
PU 2-layer laminate

Lining - 100% GRS recycled polyester 210T taffeta

Insulation - Thermolite® EcoMade 120gsm 35% recycled
polyester from post consumer waste & 65% polyester

PRODUCT CARE



The fabric of this Insulated Parka
contains 62% GRS recycled polyester.
Certified by Control Union
CB-CUC-1224147



WINDPROOF



WATERPROOF

LFE912 | LFE913 & LFE962 | LFE963

LIFE Reversible Puffer Jacket

- GRS 62% recycled polyester water repellent and wind-proof fabric ♻️
- Zip pulls made from GRS 100% recycled TPU ♻️
- GRS 100% recycled polyester sewing thread used throughout ♻️
- YKK® Eco Natulon mechanically recycled zips used throughout ♻️
- 7cm wide, heat applied segmented reflective tape on the body and sleeves
- Additional reflective detail on the hood
- 2 zipped side pockets on both sides
- Hood face, hem and cuff made with GRS 100% recycled polyester elastic binding for close, protective fit ♻️
- Reversible to charcoal grey knit
- Thermolite® EcoMade 200gsm insulation 35% recycled polyester from post consumer waste ♻️

EN STANDARDS



EN ISO 20471
Class 3*



RIS-3279-TOM
(Orange only)



EN 14058
Class 2.3.X

CODES

MENS:

LFE912 (HV Yellow)

LFE913 (HV Orange)

Sizes: S-6XL

LADIES:

LFE962 (HV Yellow)

LFE963 (HV Orange)

Sizes: 8-26

PRODUCT INFORMATION

COLOUR:

HV Yellow & HV Orange

FABRIC:

Shell - 62% GRS recycled polyester,
TPU 2-layer laminate

Knit - 100% polyester (GRS 40% recycled
polyester, 60% polyester)

Lining - GRS 100% recycled polyester 210T taffeta

Insulation - THERMOLITE® EcoMade 200gsm 35%
recycled polyester from post consumer waste
& 65% polyester

PRODUCT CARE:



The fabric of this Reversible Puffer
contains 62% GRS recycled polyester.
Certified by Control Union
CB-CUC-1224147



REVERSIBLE



WINDPROOF



WATER
REPELLENT

*Ladies class 2

25

LFE909 | LFE910
LIFE Shell Jacket
pg. 27



LFE909 | LFE910 & LFE959 | LFE960 LIFE Shell Jacket

- GRS 80% recycled polyester wind and waterproof, 3-layer tricot laminate fabric
- 2-way waterproof asymmetric main zip
- 1/3 zipped ventilation system with geometric pattern
- 2 lower hidden waterproof zip pockets and 2 internal zip pockets
- 7cm wide heat applied segmented reflective tape to body and sleeves, with 2.5cm wide heat applied segmented reflective shoulder tape
- Adjustable detachable helmet compatible hood, with reflective trim
- Form fitted cuffs for added comfort
- GRS 100% recycled polyester sewing thread used throughout
- Zip pulls made from GRS 100% recycled TPU
- Elastic shockcord made from GRS 100% recycled polyester
- GRS 45% recycled brass eyelets and press studs used throughout

EN STANDARDS



EN ISO 20471
Class 3



EN343:2019
Class 4.4.X



RIS-3279-TOM
(Orange only)

EN STANDARDS

MENS:

LFE909 (HV Yellow)
LFE910 (HV Orange)

Sizes: S-6XL

LADIES:

LFE959 (HV Yellow)
LFE960 (HV Orange)

Sizes: 8-26

PRODUCT INFORMATION

COLOUR:

HV Yellow & HV Orange

FABRIC:

GRS 80% recycled polyester, 3 - layer tricot laminate, 10% Polyurethane & 10% other (refers to laminate & coatings)

PRODUCT CARE:



The fabric of this Shell Jacket contains 80% GRS recycled polyester. Certified by Control Union CB-CUC-1224147



WINDPROOF WATERPROOF

LFE906 | LFE907 LIFE Overtrouser

- GRS 80% recycled polyester wind and waterproof, 3-layer tricot laminate fabric
- Cordura® recor™ RPET 600D (100% recycled polyester) at knee and hem panels for extra durability
- GRS 100% recycled polyester sewing thread used throughout
- Additional reflective trim detail at side of hip pockets
- 2 zipped side pockets and 2 bellowed cargo pockets
- Lower leg zips to allow ease over work boots
- 5cm wide, heat applied segmented reflective tape on thighs and lower legs
- Waterproof zippers used throughout
- Elasticated waistband with inner draw cord for secure fastening
- Zip pulls and pocket tabs made from GRS 100% recycled TPU

EN STANDARDS



EN ISO 20471
Class 2



EN343:2019
Class 4.4.X



RIS-3279
(Orange only)

SIZES

LFE906 (HV Yellow)
LFE907 (HV Orange)

Sizes: S-6XL

Short (29")

Regular (31")

Tall (33")

PRODUCT INFORMATION

COLOUR:

HV Yellow & HV Orange

FABRIC:

GRS 80% recycled polyester, 3-layer laminate, Cordura® recor™ RPET 600D, 10% Polyurethane & 10% other (refers to laminate & coatings)

PRODUCT CARE:



The fabric of this Overtrouser contains 80% GRS recycled polyester. Certified by Control Union CB-CUC-1224147



WINDPROOF WATERPROOF