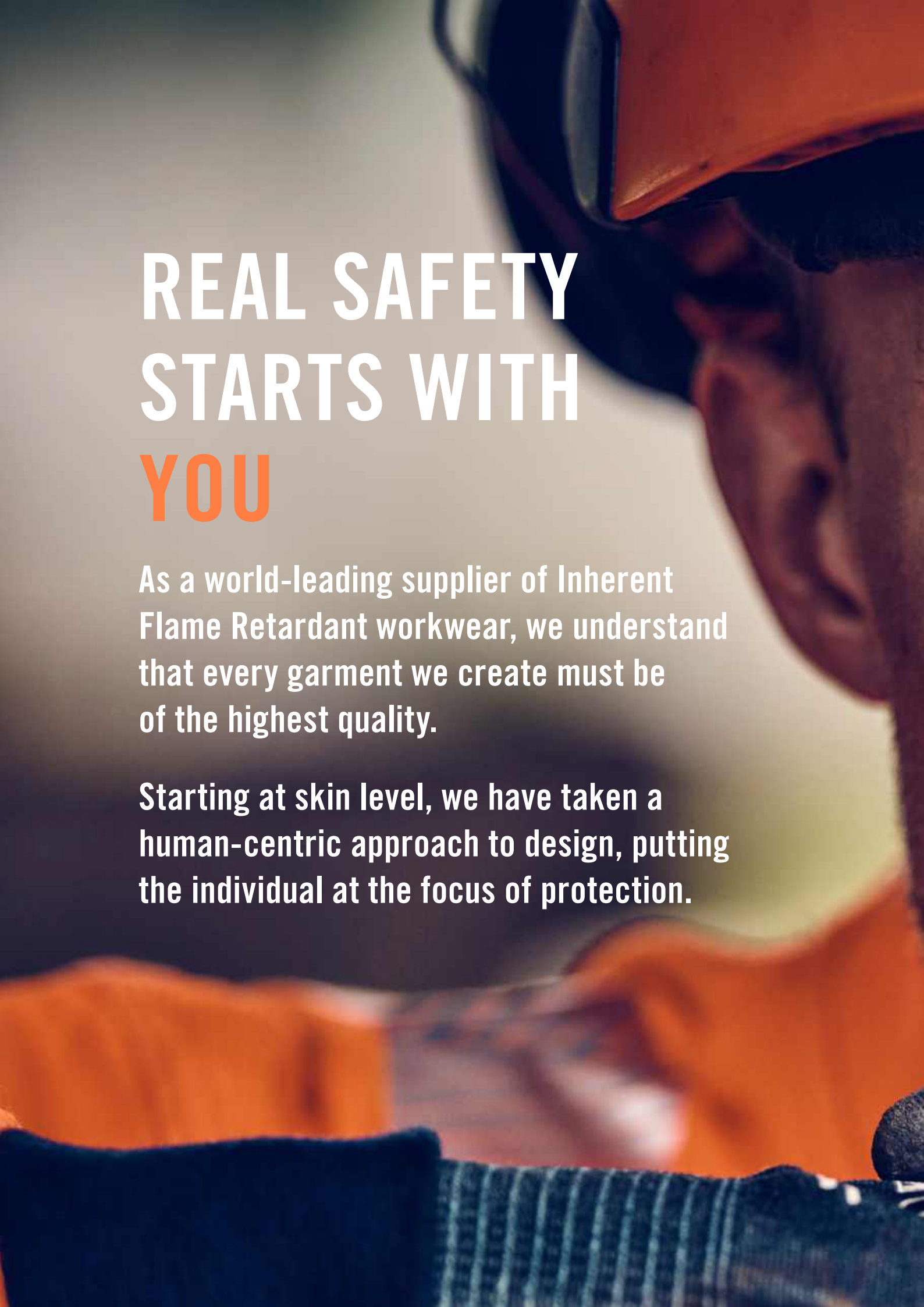




TRANEMO
ADVANCED WORKWEAR

TRANEMO SKINSAFE™

The multi-layer protection system
designed to protect against flame,
heat and Electric Arc injuries.



REAL SAFETY STARTS WITH YOU

As a world-leading supplier of Inherent Flame Retardant workwear, we understand that every garment we create must be of the highest quality.

Starting at skin level, we have taken a human-centric approach to design, putting the individual at the focus of protection.



WHAT IS TRANEMO SKINSAFE™?

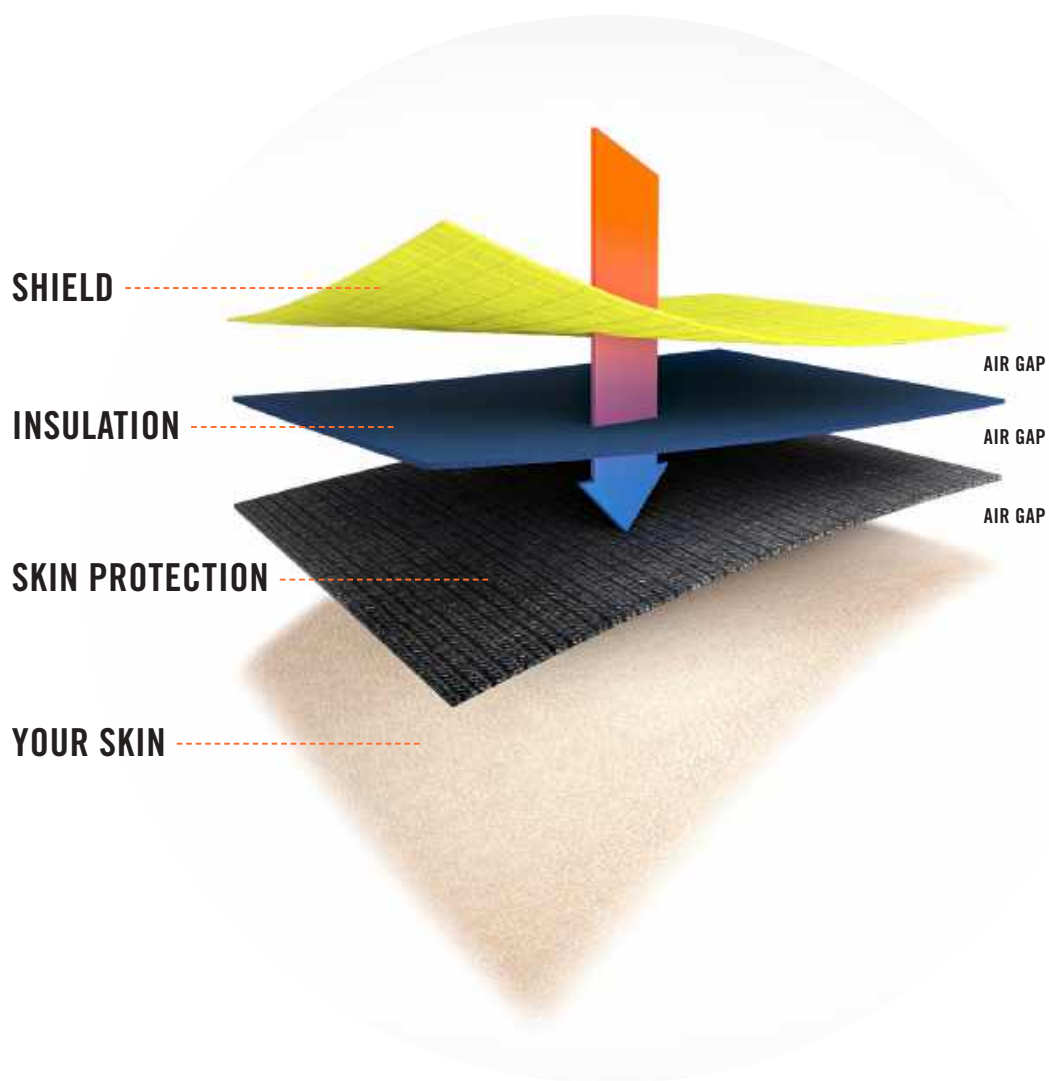
Tranemo Skinsafe™ is the name of our multi-layer system designed to protect against flame, heat and Electric Arc injuries. By adding layers we create airgaps - which in turn increase the protection of the system to be much larger than the sum of its parts. Starting at skin level, we have taken a human-centric approach to design, putting the individual at the focus of protection.

How does your working day look? What are your needs?

Tranemo Skinsafe™ helps you meet your daily challenges, however tough these may be.

TRANEMO SKINSAFE™

CONCEPT



FROM THE INSIDE OUT

They say a chain is only as strong as its weakest link. That's why we recommend using Inherent Flame Retardant clothing from the inside out. Cotton burns, polyester melts and metal transmits electrical current.

Don't forget to protect the entire body, from head to toe.



AIR GAP



AIR GAP



AIR GAP



TRANEMO
SKINSAFE™

TRANEMO SKINSAFE™

THE MULTI-LAYER

PROTECTION SYSTEM

LAYER 1 — SKIN PROTECTION

In the event of an accident, wearing the wrong underwear can lead to the fabric burning and melting onto your skin. To protect against this, our Flame Retardant underwear offers the following benefits:

- » Inherent Flame Retardant safety
- » Soft and comfortable
- » Anti-static
- » Does not give bad odour

LAYER 2 — INSULATION

An insulating mid-layer should be worn to increase comfort during the colder months of the year. This layer creates a distance between layer 1 and 3 which insulates against heat as well as low temperatures.

LAYER 3 — SHIELD

The primary function of any outer layer must be protection – however, to be worn every day, these garments should also fit the body snugly and offer comfort, freedom of movement and meet practical needs such as storage.

AIR GAP

The air gaps between the layers of the Tranemo Skinsafe™ system have a low conductivity, which increases the ability to block heat, insulate against cold and provide extra safety in demanding work situations.



APPROVED AND TESTED SYSTEMS

The Tranemo Skinsafe™ systems shown on the following pages are tested at a testing institute and presents only an example of tested garments. Garments made **in the same quality and with the same protection** which are shown in the illustrations, are also approved - for example a ladies versions, trousers or other equivalent products. Which quality a garment has, is presented under the photo with quality number and name.

All tests are performed according to EN 61482-2 on fabric layers and garments, to ensure that both passes the tests and results in an ELIM value and a ATPV/EBT value.

Tranemo highly recommend using two or more layers of protective clothing to keep you warm and safe.

CANTEX SYSTEM

A multi-layer system is a common and safe combination for steelworks and other heavy industries where the wearer is exposed to high levels of energy and heat. In these scenarios, protection against heat transfer and Electric Arc is vital. Cantex Inherent Flame Retardant characteristics represent your best defence against these.

TRANEMO SKINSAFE™ CANTEX SYSTEM

ELIM (cal/cm²)

32

ATPV (cal/cm²)

37

APC

2

SHIELD

5940 92 03



920 CANTEX JX
ELIM: 5,3 cal/cm²
EBT: 5,3 cal/cm², PPE 1

SHIELD

5035 88 94



884/885 CANTEX WS
ELIM: 18,0 cal/cm²
ATPV: 20,0 cal/cm², PPE 2

TRANEMO SKINSAFE™ CANTEX SYSTEM

ELIM (cal/cm²)

31

ATPV (cal/cm²)

35

APC

2

SKIN PROTECTION

6372 89 94



895 CANTEX JERSEY AT
ELIM: 3,9 cal/cm²
EBT: 4,6 cal/cm², PPE 1

SHIELD

5035 88 94



884/885 CANTEX WS
ELIM: 18,0 cal/cm²
ATPV: 20,0 cal/cm², PPE 2

TRANEMO SKINSAFE™ CANTEX SYSTEM

ELIM (cal/cm²)

30

ATPV (cal/cm²)

35

SHIELD

5834 81 94



811 TERA TX
ELIM: 8,1 cal/cm²
ATPV: 8,7 cal/cm², PPE 2

SHIELD

5035 88 94



884/885 CANTEX WS
ELIM: 18,0 cal/cm²
ATPV: 20,0 cal/cm², PPE 2

TRANEMO SKINSAFE™ CANTEX SYSTEM

ELIM (cal/cm²)

27

ATPV (cal/cm²)

31

APC

2

SHIELD

5771 91 94



912 TERA TX LIGHT
ELIM: 5,0 cal/cm²
ATPV: 5,8 cal/cm², PPE 2

SHIELD

5035 88 94



884/885 CANTEX WS
ELIM: 18,0 cal/cm²
ATPV: 20,0 cal/cm², PPE 2

TRANEMO SKINSAFE™ CANTEX SYSTEM

ELIM (cal/cm²)

27

ATPV (cal/cm²)

31

APC

2

SHIELD

5770 91 94



911 TERA TX LIGHT
ELIM: 5,0 cal/cm²
ATPV: 5,8 cal/cm², PPE 2

SHIELD

5035 88 94



884/885 CANTEX WS
ELIM: 18,0 cal/cm²
ATPV: 20,0 cal/cm², PPE 2

TRANEMO SKINSAFE™ CANTEX SYSTEM

ELIM (cal/cm²)

25

ATPV (cal/cm²)

27

APC

2

SKIN PROTECTION

5940 92 03



920 CANTEX JX
ELIM: 5,3 cal/cm²
EBT: 5,3 cal/cm², PPE 1

SHIELD

5736 88 94



882/883 CANTEX 2.0
ELIM: 9,2 cal/cm²
ATPV: 13,0 cal/cm², PPE 2

TERA TX SYSTEM

Tera TX is a very popular layering choice in the power industry and for other outdoor jobs. When Tera TX is combined with one or more layers of other Flame Retardant garments, a system that reaches a higher level of protection is created. The system is also suitable for working outside at changing levels of intensity and temperature.

TRANEMO SKINSAFE™ TERA TX SYSTEM ELIM (cal/cm²) 37 ATPV (cal/cm²) 44 APC 2	SKIN PROTECTION 5082 89 94  895 CANTEX JERSEY AT ELIM: 3,9 cal/cm² EBT: 4,6 cal/cm², PPE 1	INSULATION 5085 89 94  899 CANTEX TERRY ELIM: 8,6 cal/cm² EBT: 11,0 cal/cm², PPE 2	SHIELD 5834 81 94  811 TERA TX ELIM: 8,1 cal/cm² ATPV: 8,7 cal/cm², PPE 2
TRANEMO SKINSAFE™ TERA TX SYSTEM ELIM (cal/cm²) 37 ATPV (cal/cm²) 42	SKIN PROTECTION 6315 90 07  901 MERINO RX ELIM: 5,3 cal/cm² EBT: 5,3 cal/cm², PPE 1	INSULATION 6330 90 07  903 MERINO TX ELIM: 8,9 cal/cm² EBT: 9,5 cal/cm², PPE 2	SHIELD 5834 81 94  811 TERA TX ELIM: 8,1 cal/cm² ATPV: 8,7 cal/cm², PPE 2
TRANEMO SKINSAFE™ TERA TX SYSTEM ELIM (cal/cm²) 36 ATPV (cal/cm²) 43 APC 2	SKIN PROTECTION 6304 90 07  905 MERINO FX ELIM: 4,0 cal/cm² EBT: 4,0 cal/cm², PPE 1	INSULATION 6330 90 07  903 MERINO TX ELIM: 8,9 cal/cm² EBT: 9,5 cal/cm², PPE 2	SHIELD 5831 81 94  811 TERA TX ELIM: 8,1 cal/cm² ATPV: 8,7 cal/cm², PPE 2
TRANEMO SKINSAFE™ TERA TX SYSTEM ELIM (cal/cm²) 35 ATPV (cal/cm²) 40	SKIN PROTECTION 6315 90 07  901 MERINO RX ELIM: 5,3 cal/cm² EBT: 5,3 cal/cm², PPE 1	INSULATION 5085 89 94  899 CANTEX TERRY ELIM: 8,6 cal/cm² EBT: 11,0 cal/cm², PPE 2	SHIELD 5834 81 94  811 TERA TX ELIM: 8,1 cal/cm² ATPV: 8,7 cal/cm², PPE 2



TRANEMO SKINSAFE™ TERA TX SYSTEM

ELIM (cal/cm²)

19

ATPV (cal/cm²)

21

APC

2

SKIN PROTECTION

6304 90 07



905 MERINO FX
ELIM: 4,0 cal/cm²
EBT: 4,0 cal/cm², PPE 1

SHIELD

5831 81 94



811 TERA TX
ELIM: 8,1 cal/cm²
ATPV: 8,7 cal/cm², PPE 2



TRANEMO SKINSAFE™ TERA TX SYSTEM

ELIM (cal/cm²)

17

ATPV (cal/cm²)

19

APC

2

SKIN PROTECTION

5940 92 03



920 CANTEX JX
ELIM: 5,3 cal/cm²
EBT: 5,3 cal/cm², PPE 1

SHIELD

5834 81 94



811 TERA TX
ELIM: 8,1 cal/cm²
ATPV: 8,7 cal/cm², PPE 2



TRANEMO SKINSAFE™ TERA TX SYSTEM

ELIM (cal/cm²)

16

ATPV (cal/cm²)

16

SKIN PROTECTION

6362 86 94



864 OUTBACK J220
ELIM: 8,3 cal/cm²
EBT: 9,3 cal/cm², PPE 2

SHIELD

5834 81 94



811 TERA TX
ELIM: 8,1 cal/cm²
ATPV: 8,7 cal/cm², PPE 2



TRANEMO SKINSAFE™ TERA TX SYSTEM

ELIM (cal/cm²)

15

ATPV (cal/cm²)

18

APC

2

SKIN PROTECTION

5076 91 94



912 TERA TX LIGHT
ELIM: 5,0 cal/cm²
ATPV: 5,8 cal/cm², PPE 2

SHIELD

5834 81 94



811 TERA TX
ELIM: 8,1 cal/cm²
ATPV: 8,7 cal/cm², PPE 2



TRANEMO SKINSAFE™ TERA TX SYSTEM

ELIM (cal/cm²)

15

ATPV (cal/cm²)

18

APC

2

SKIN PROTECTION

5770 91 94



911 TERA TX LIGHT
ELIM: 5,0 cal/cm²
ATPV: 5,8 cal/cm², PPE 2

SHIELD

5834 81 94



811 TERA TX
ELIM: 8,1 cal/cm²
ATPV: 8,7 cal/cm², PPE 2



TRANEMO SKINSAFE™ TERA TX SYSTEM

ELIM (cal/cm²)

14

ATPV (cal/cm²)

22

APC

2

SKIN PROTECTION

6315 90 07



901 MERINO RX
ELIM: 5,3 cal/cm²
EBT: 5,3 cal/cm², PPE 1

SHIELD

5834 81 94



811 TERA TX
ELIM: 8,1 cal/cm²
ATPV: 8,7 cal/cm², PPE 2



ZENITH SYSTEM

ZENITH is designed to make you highly visible in environments where risks can also arise from high voltage as well as metal working.

When Zenith is combined with one or more layers of other Flame Retardant garments, a system that reaches a higher level of protection is created. The system is also suitable for working outside at changing levels of intensity and temperature.

TRANEMO SKINSAFE™ ZENITH SYSTEM

ELIM (cal/cm²)

14

ATPV (cal/cm²)

20

SKIN PROTECTION
6315 90 07



901 MERINO RX
ELIM: 5,3 cal/cm²
EBT: 5,3 cal/cm², PPE 1

SHIELD
5234 84 93



846 Ara TX
ELIM: 8,0 cal/cm²
ATPV: 8,6 cal/cm², PPE 1

TRANEMO SKINSAFE™ ZENITH SYSTEM

ELIM (cal/cm²)

14

ATPV (cal/cm²)

20

SKIN PROTECTION
6312 90 07



901 MERINO RX
ELIM: 5,3 cal/cm²
EBT: 5,3 cal/cm², PPE 1

SHIELD
5281 84 93



846 Ara TX
ELIM: 8,0 cal/cm²
ATPV: 8,6 cal/cm², PPE 1



WINTER SYSTEM

The layer-by-layer principle is perfect when using Inherent Flame Retardant winter garments. Several layers block the heat, isolate and increase the Flame protection. The combination creates a system that is lightweight and comfortable but also easy to adapt to physical activity.

TRANEMO SKINSAFE™ WINTER SYSTEM ELIM (cal/cm²) 35 ATPV (cal/cm²) 40 APC 2	SKIN PROTECTION 6382 89 93		SHIELD 5233 95 93	
		895 CANTEX JERSEY AT ELIM: 3,9 cal/cm² EBT: 4,6 cal/cm², PPE 1		951 WINDTECH FR HVO ELIM: 12,0 cal/cm² ATPV: 19,0 cal/cm², PPE 2



TRANEMO SKINSAFE™ WINTER SYSTEM ELIM (cal/cm²) 63 ATPV (cal/cm²) 68	SKIN PROTECTION 6372 89 94		INSULATION 5030 89 94		SHIELD 5145 95 94	
		895 CANTEX JERSEY AT ELIM: 3,9 cal/cm² EBT: 4,6 cal/cm², PPE 1		899 CANTEX TERRY ELIM: 8,6 cal/cm² EBT: 11,0 cal/cm², PPE 2		950 WINDTECH FR 340 ELIM: 23,0 cal/cm² EBT: 28,0 cal/cm², PPE 3



TWO LAYER SYSTEM

When working in demanding indoor environments you could achieve adequate protection with a Tranemo Skinsafe™ two-layer system. The garment combinations are soft and lightweight and gives the user high levels of comfort to ensure work efficiency.

TRANEMO SKINSAFE™ TWO LAYER SYSTEM ELIM (cal/cm²) 25 ATPV (cal/cm²) 25	SKIN PROTECTION 6315 90 07		SHIELD 6330 90 07	
		901 MERINO RX ELIM: 5,3 cal/cm² EBT: 5,3 cal/cm², PPE 1		903 MERINO TX ELIM: 8,9 cal/cm² EBT: 9,5 cal/cm², PPE 2



TRANEMO SKINSAFE™ TWO LAYER SYSTEM ELIM (cal/cm²) 22 EBT (cal/cm²) 27 APC 2	SKIN PROTECTION 6372 89 94		SHIELD 5030 89 94	
		895 CANTEX JERSEY AT ELIM: 3,9 cal/cm² EBT: 4,6 cal/cm², PPE 1		899 CANTEX TERRY ELIM: 8,6 cal/cm² EBT: 11,0 cal/cm², PPE 2



THE **FLEXIBILITY** OF TRANEMO SKINSAFE™

The use of multiple thinner layers instead of one thick offers the wearer the following additional benefits.

LIGHTWEIGHT

The layers of air in the Tranemo Skinsafe™ system increase protection against heat, electricity and cold. They also contribute to a system that has a combined weight that is much less than a single garment with the same protection. This weight reduction allows the wearer to work more effectively and for longer periods.

FREEDOM OF MOVEMENT

Soft, thin garments with ergonomic design offer much better freedom of movement than thick garments. Thanks to this, the difference the wearer feels at the end of the working day is significant.

THE RIGHT FIT

The multi-layer system gives the wearer the opportunity to easily 'fine-tune' their clothing. Put on more when the weather demands this or go down to a comfortable base protective level when the risk is lower and the temperature is higher.



100%
INHERENT
FLAME RETARDANT

TRANEMO

ADVANCED WORKWEAR

Tranemo are a leading European supplier of Inherent Flame Retardant workwear.
With our extensive experience in developing innovative
and functional workwear, we strive towards
zero flame and heat related injuries.
All for a safer workplace.
Since 1934.

www.tranemo.com