



WORKWEAR PROTECTION



Dromex

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Dromex



DROMEX WORKWEAR

SELECTING THE CORRECT WORKWEAR PROTECTION

It is recommended that all the local standards and regulatory procedures be considered when selecting your workwear. The Dromex workwear products meet various standards. We recommend that a standard like SANS434 be used as a guide for selecting your workwear. Those involved with providing workwear it may not always be clear what the hazards are so it is important that you identify, as far as they can, what their workwear is intended to do or protect workers from. Information that is accurate is very important to making sure the correct workwear is selected and the correct size is identified for comfort and usability. The comfort of workwear is a key factor in the selection so as not to restrict the user and introduce further hazards to the wearer.

SAFE SELECTION

When evaluating the qualities of a workwear suit for a particular job the industrial safety is the most important criterion. Economic considerations should only be considered when the comparison of like items, that meet the same criteria, are factored in the final decision.

Protective clothing is used in a wide variety of hazard scenarios, with a range of standards designed to assess products offering suit protection against extremes of temperature or chemical exposure to splash proof aprons. All protective clothing will only remain effective if properly maintained and cleaned in accordance with the manufacturer's instructions. Contamination like dust and toxins can increase the risk of the protective suit becoming susceptible to ignition from naked flames.

As with all protective equipment, protective clothing will only perform within specified parameters and it is important that all users are familiar with the limitations of the workwear garment.

In the case of Chemical, Biological, Radiological and Nuclear (CBRN) protection, the wearer is sealed in a high strength material suit, all encapsulated, and is fed clean air for breathing. The pressure within the suit is kept positive and the exhaled air is removed via exhalation valve(s) creating a positive pressure within the suit to prevent ingress of the contaminant.

QUALITY

The material from which the workwear is made is the protective barrier that offers protection against the hazards which the wearer could be exposed to. The workwear garment's material, the quality of garment manufacturing plays a vital role in the overall level of protection. Many industrial applications require a level of mechanical strength therefore it is recommended to test how the garment performs in the work area of intended use.

FIT & COMFORT

A good fit ensures that the workwear provides the wearer with both comfort and adequate protection. Poorly fitting garments run a higher risk of tearing and restrict movement, which can affect the wearer's ability to carry out work safely and efficiently.

APPROVAL INFORMATION

Some of the symbols and standards used for the workwear

SABS Mark Bearing Products are made under a permit from SABS for specific products made to SANS standards by a registered manufacturer and include quality audits and verification.



DROMEX WORKWEAR

SABS is a statutory body that was established in terms of the Standards Act. These standards, SANS (South African National Standards), promote quality in connection with commodities, products and services.

SANS 434: This standard specifies requirements for the material, cut, make and trim of boiler suits, two-piece workwear suits, bib and brace overalls and coats and jackets (unlined) but does not cover garments designed for the protection against specific hazards. This covers the materials, workmanship, styles, sizes, makeup of the suits, stitches & seams.

SANS 1387: South African National Standard woven cotton and similar apparel fabrics. This covers 11 types of fabric, however the parts 1 to 4 are relevant to the workwear. Part 1 is for poly cotton fabrics and Part 4 is for cotton jean and drill fabrics.

J54 Jean material with a 2/1 twill weave, 220g/m² minimum

D59 Drill material with a 4/1 satin weave, 270g/m² minimum

SANS 1423: Part 1 is for performance requirements for textile fabrics of low flammability. The standard covers the flammability performance requirements for four classes of washable apparel fabric, each class being divided into three flammability performance categories. NOTE: The use of certain fabric combinations, trims, accessories and sewing threads that are not compatible can have an adverse effect on the flammability performance of a garment.

Fabric Class

Class A: Capable of withstanding the required industrial or hospital laundry processes given in SANS 10146.

Class B: Capable of withstanding wash treatments at temperatures of up to 95 °C.

Class C: Capable of withstanding wash treatments at temperatures of up to 60 °C.

Class D: Capable of withstanding wash treatments at temperatures of up to 40 °C.

Flammability Category

Category 1: The fabric does not ignite within a given time period.

Category 2: The fabric ignites within a given time period but the flame spread ceases within a specified distance.

Category 3: The fabric ignites within a given time period and might continue to flame but at a rate of flame propagation that is within a specified limit.

SANS 724: Personal Protective Equipment & Protective Clothing Against Thermal Hazards of an Electric Arc. Design, selection and performance requirements of electric arc resistant clothing and equipment for the protection of persons against the thermal hazards of an electric arc, which could occur during operating or working on or near electrical equipment in the workplace.

SANS 61482: Live working, Protective clothing, against the thermal hazards of an electric arc. Part 1 is IEC 61482-1-1: Determination of the arc rating (ATPV or EBT50) of flame resistant materials for clothing. IEC 61482-1-1 Method A is identical to ASTM F1959, with the exception of different laundry preconditioning requirements.

SANS 50471: EN 471 High-visibility warning clothing for professional use - Test methods and requirements.

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). International Standards are carried out through ISO technical committees and each member body has the right to be represented.

[illegible][illegible]

EXECUTIVE FIT																		
CHEST SIZE																		
BACK LENGTH																		
SLEEVE LENGTH																		
BACK WIDTH																		
30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	
cm	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
cm	67	68	69	70	71	72	73	73	74	74	75	75	76	76	77	77	78	78
cm	49	49	50	50	51	51	52	52	53	53	54	54	55	55	56	57	57	57
cm	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70

[illegible]

COMFI FIT	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
CHEST SIZE	92	97	102	107	112	117	122	127	132	137	142	147	152	157	162	167	172	177
BACK LENGTH	64	64.5	65	65.5	68	68.5	69	70.5	72	73.5	75	76.5	77	77.5	78	78.5	79	79.5
SLEEVE LENGTH	55	55.5	56	57.5	59	59.5	60	60.5	62	63.5	65	66.5	67	68.5	69	69.5	70	70.5
BACK WIDTH	41	42.5	45.05	45.5	47	48.5	50	51.5	53	55	56	57.5	59	60.5	62	63.5	65	66.5

	72	77	82	87	92	97	102	107	112	117	122	127	132	137	142	152	157	162
WAIST EXTENDED	cm	72	77	82	87	92	97	102	107	112	117	122	127	132	137	142	152	162
OUTSIDE LEG	cm	96.5	97.5	98.5	100	101	102.5	103.5	105	106	107.5	108.5	110	111	112.5	113.5	114.5	116.5
INLEG	cm	71.5	72	72.5	73	73.5	74.5	75	75.5	76.5	77	77.5	78.5	79	80	80.5	81	82



DENIM



PRODUCT INFORMATION

- YKK brass zip, Dromex close button & rivet studs on all corners of front pockets
- Two front pockets, money pocket and two back pockets
- All pockets have double needle top stitching

Sizes:

- 28-46

COMPOSITION & APPLICATIONS

- 100% cotton indigo blue denim
- 12oz fabric (408gsm)
- The natural fibres make this garment comfortable and breathable
- Smart & ideal work pants

Suitable for use in:

- General work environment
- Warehouse
- Construction
- Corporate
- Promotional



TEE SHIRTS

100%
COTTON

RD

WHT

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BG

PRODUCT INFORMATION

- Premium round-neck tee shirt
- Suitable for use with Dromex Denims and under Dromex Conti Suits

Sizes:

- Small to 2XL

COMPOSITION & APPLICATIONS

- 100% combed cotton
- 160gsm
- The natural fibres make this garment comfortable and breathable

Suitable for use in:

- General work environment
- Warehouse
- Construction
- Janitorial
- Promotional



VENTILATED REFLECTIVE SHIRT

100%
COTTON

YL

OR

PRODUCT INFORMATION

- Long sleeve two-tone operational shirt
- Vented back yoke for comfort in heat
- 48mm silver reflective tape on upper arms, around the chest and waist
- All pockets have double needle top stitching

Sizes:

- Small to 3XL

COMPOSITION & APPLICATIONS

- 100% cotton
- 135gsm fabric
- The natural fibres make this garment comfortable and breathable
- Ideal with Navy J54 Pants or Dromex Denims

Suitable for use in:

- Construction
- Outdoor inspections
- Outdoor work in hot climates



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CONTI SUIT



PRODUCT INFORMATION

- YKK concealed metal zip on jackets and pants
- Over locked stitching shoulders, arm holes, and triple stitched in-leg & back rise
- Left breast pocket with pen division & V-flap with concealed press stud
- Dromex wash care & sidewinder labels sewn into neck, breast pocket & back pocket
- Reinforced bar tack

Sizes:

- 30-64

COMPOSITION & APPLICATIONS

- 80/20 Poly Cotton
- 210gsm fabric
- Strength and colour-fastness of the polyester blended with cotton for comfort

Suitable for use in:

- Warehouses
- Workshops
- Gardening
- Construction
- Janitorial
- General purpose



CONTI SUIT REFLECTIVE



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PRODUCT INFORMATION

- YKK concealed metal zip on jackets and pants
- Over locked stitching shoulders, arm holes, and triple stitched on in-leg & back rise
- Left breast pocket with pen division & V-flap
- 50mm lime green silver reflective webbing tape on arms & legs

Sizes:

- 28-60

COMPOSITION & APPLICATIONS

- 80/20 Poly Cotton
- 210gsm fabric
- Strength and colour-fastness blended with cotton for comfort
- Reflective tape for increased visibility

Suitable for use in:

- Construction
- Road construction & maintenance
- Landscaping
- General purpose



POLY VISCOSE ACID CONTI SUIT



PRODUCT INFORMATION

- YKK concealed metal zip on jackets and pants
- Fully triple stitched garment
- Mitred left breast pocket and jacket pockets

Sizes:

- 32-64

SANS 434 & ISO6530

HCl, H₂SO₄, N₉OH, Caustic Soda

Note:

- Also available with 50mm Lime Silver Lime Reflective Tape on Jacket & Pants
- Also available as a 80/20 Poly Cotton garment (Comfi fit spec)

COMPOSITION & APPLICATIONS

- 80/20 Poly Viscose
- 260-270gsm fabric
- A coated resistant fabric that doesn't allow wetting by acids or moisture
- Protection in the event of accidental chemical spillage

Suitable for use in:

- Chemical industry
- Cleaning industry
- Brewing industry



6535 CONTI SUIT



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PRODUCT INFORMATION

- YKK concealed metal zip on jackets and pants
- Triple stitched shoulders, arm holes, in-leg & back rise
- Left breast pocket with pen division & V-flap
- Come in Royal Blue and Navy Blue

Sizes:

- 28-60

COMPOSITION & APPLICATIONS

- 65/35 Poly Cotton
- 210/220gsm fabric
- More cotton adds more comfort to this garment and enhances breathability

Suitable for use in:

- Warehouses
- Workshops
- Gardening
- Construction



D59 FLAME SUIT WITH REFLECTIVE



PRODUCT INFORMATION

- YKK concealed metal zip on jackets and pants
- Triple stitched shoulders, arm holes, in-leg & back rise
- Left breast pocket with pen division & V-flap
- 50mm lime green silver reflective webbing tape on arms, legs, chest & back

Sizes:

- 30-64 (Jackets)
- 26-60 (Pants)

SANS 1387-4
SANS 1423-1

COMPOSITION & APPLICATIONS

- 100% Cotton
- 300/310gsm fabric
- The natural fibres make this garment comfortable and breathable
- A flame retardant finish coated fabric
- Reflective tape for increased visibility
- Suitable for welding and boiler shop work

Suitable for use in:

- Construction
- Welding
- Kilns



J54 EXECUTIVE FIT SUIT



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PRODUCT INFORMATION

- YKK concealed metal zip on jackets and pants
- Fully triple stitched shoulders, arm holes, side seams, in-leg & back rise
- Double needle yokes
- Mitred left breast pocket with V-flap

Sizes:

- 30-62

COMPOSITION & APPLICATIONS

- 100% Cotton
- 220/230gsm fabric
- The natural fibres make this garment comfortable and breathable

Suitable for use in:

- Agriculture
- Construction
- Logistics
- General purpose



6535 DUSTCOAT



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PRODUCT INFORMATION

- Press stud on coat
- Long sleeve 3/4 length back slit coat
- Left breast mitred pocket with V-flap and pen division
- Top stitching on shoulders and arm holes
- Two mitred front pockets

Sizes:

- Small to XXXLarge

COMPOSITION & APPLICATIONS

- 65/35 Poly Cotton
- 210/220gsm fabric
- More cotton adds more comfort to this garment and enhances breathability

Suitable for use in:

- Laboratories
- Hospitals
- Warehousing
- General supervision in industries



D59 SAFETY OFFICERS SUIT



PRODUCT INFORMATION

- YKK concealed metal zip on jackets and pants
- Fully triple stitched garment
- 50mm silver flame retardant reflective tape
- Elasticated cuffs and side slits on jacket
- Mitred laid on jacket pockets and breast pocket with V-flap

Sizes:

- 30-64 (Jackets only)

SANS 434, SANS 1387-4, SANS 1423-1
ISO 6530 (HNO₃, HCL, H₂SO₄ & NaOH)

COMPOSITION & APPLICATIONS

- 100% cotton
- 300/310gsm fabric
- The natural fibres add comfort and breathability
- A flame retardant and coated acid resistant fabric
- Reflective tape for increased visibility
- Protection in the event of a Flash Fire, Accidental Chemical Spillage, Petro Chemical flash fire protection potential

Suitable for use in:

Petrochemical, Oil & Gas, Agriculture, Mining Industry, Industrial use, Maintenance & repairs including installations



D59 THERMAL JACKET



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OR

PRODUCT INFORMATION

- YKK chunky nylon zip
- Double needle stitched
- Flame retardant 50mm silver reflective tape on arms
- Adjustable size flap on cuff
- Two square breast pockets
- Two outer square bottom pockets
- Nickel press studs through-out

Sizes:

- 30-64 (Jackets only)

SANS 434, SANS 1387-4, SANS 1423-1
ISO 6530 (HNO₃, HCL, H₂SO₄ & NaOH)

COMPOSITION & APPLICATIONS

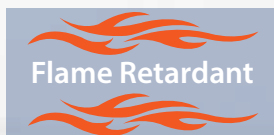
- 100% Cotton
- 300/310gsm fabric flame acid outer, 220gsm inner
- The natural fibres add comfort and breathability
- Flame retardant & coated acid resistant fabric outer
- Reflective tape for increased visibility
- Protection in the event of a Flash Fire, Accidental Chemical Spillage, Petro Chemical flash fire protection potential

Suitable for use in:

Petrochemical, Oil & Gas, Agriculture, Mining Industry, Industrial use, Maintenance & repairs including installations



D59 FLAME SUIT



PRODUCT INFORMATION

- YKK concealed metal zip on jackets and pants
- Fully triple stitched shoulders, arm holes, side seams, in-leg & back rise
- 50mm silver flame retardant double needle stitched reflective tape on arms & legs
- Elasticated cuffs and side slits on jacket
- Mitred laid on jacket pockets, breast pocket with mitred flap, mitred hip pocket and tool pocket on pants

SANS 434
SANS 1387-4
SANS 1423-1

COMPOSITION & APPLICATIONS

- 100% Cotton
- 300/310gsm fabric
- A flame retardant finish coated fabric
- Reflective tape for increased visibility
- Protection in the event of a Flash Fire

Sizes:

- 30-64 (Jackets)
- 26-60 (Pants)

Suitable for use in:

Agriculture, Mining Industry, Industrial use, Oil & Gas, Maintenance & repairs including installations and Welding



D59 FLAME & ACID SUIT



PRODUCT INFORMATION

- YKK concealed metal zip on jackets and pants
- Fully triple stitched shoulders, arm holes, side seams, in-leg & back rise
- 50mm silver flame retardant double needle stitched reflective tape on arms & legs
- Elasticated cuffs and side slits on jacket
- Mitred laid on jacket pockets, mitred breast pocket with flap, mitred hip pocket and tool pocket on pants

Sizes:

- 28-68 (Jackets)
- 24-66 (Pants)

SANS 434, SANS 1387-4, SANS 1423-1
ISO 6530 (HNO₃, HCL, H₂SO₄ & NaOH)

COMPOSITION & APPLICATIONS

- 100% Cotton
- 300/310gsm fabric
- The natural fibres add comfort and breathability
- A flame retardant and coated acid resistant fabric
- Reflective tape for increased visibility
- Protection in the event of a Flash Fire, Accidental Chemical Spillage, Petro Chemical flash fire protection potential

Suitable for use in:

- Petrochemical, Oil & Gas
- Agriculture
- Mining Industry
- Maintenance & repairs including installations



D59 FLAME & ACID BOILERSUIT



PRODUCT INFORMATION

- YKK concealed brass zips
- Fully triple stitched shoulders, arm holes, side seams, in-leg & back rise
- 50mm silver flame retardant double needle stitched reflective tape on arms & legs
- Elasticated cuffs
- 2 breast pockets with with V-flap
- 2 hip side pockets and tool pocket on pants
- 1 back hip pocket

Sizes:

- 28-64 (Boilersuit)

SANS 434, SANS 1387-4, SANS 1423-1
ISO 6530 (HNO₃, HCL, H₂SO₄ & NaOH)

COMPOSITION & APPLICATIONS

- 100% Cotton
- 300/310gsm fabric
- The natural fibres add comfort and breathability
- A flame retardant and coated acid resistant fabric
- Reflective tape for increased visibility
- Protection in the event of a Flash Fire, Accidental Chemical Spillage, Petro Chemical flash fire protection potential

Suitable for use in:

- Petrochemical, Oil & Gas
- Agriculture
- Mining Industry
- Maintenance & repairs including installations



DuPont™
Nomex®
FIRE SUIT



PRODUCT INFORMATION

- NOMEX YKK concealed brass zips on jackets and pants
- Double needle stitched garment throughout
- 50mm silver flame retardant reflective tape on arms, legs and "X" on back
- Mitred laid on jacket pockets, mitred breast pocket with velcro closure, side slits, hip pocket and mitred cargo pocket both with velcro flap on pants and one back pocket
- NOMEX sidewinder sewn into breast pocket and hip pocket

NFPA 70E, NFPA 1975, NFPA 2112,

EN 1149-3 ANTI-STATIC, EN 1149-1, EN 13034

ASTM F1506, ASTM D6413 flame resistance of textiles

COMPOSITION & APPLICATIONS

- Nomex Comfort
- 203gsm Fabric
- Engineered flame retardant yarn
- FR Reflective tape for increased visibility

Sizes:

- 32-60 (Suits & Jackets only)
- 28-56 (Pants)

Suitable for use in:

- Petroleum
- Petro Chemical
- Chemical
- Fire Fighters



DuPont™
Nomex®
FIRE BOILERSUIT



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PRODUCT INFORMATION

- Two-way NOMEX YKK concealed brass zip
- Fully triple stitched garment throughout
- 50mm silver flame retardant double needle stitched reflective tape on arms and legs
- Two-way radio pocket with 25mm velcro, mitred breast pocket with velcro V-flap and gas analyser tab, side pockets, two mitred back pockets with velcro monza flap
- NOMEX sidewinder sewn into breast pocket

NFPA 70E, NFPA 1975, NFPA 2112,
EN 1149-3 ANTI-STATIC, EN 1149-1, EN 13034
ASTM F1506, ASTM D6413 flame resistance of textiles

COMPOSITION & APPLICATIONS

- Nomex Comfort
- 203gsm Fabric
- Engineered flame retardant yarn
- Reflective tape for increased visibility

Sizes:

- 32-64 (Boilersuits)

Suitable for use in:

- Petroleum
- Petro Chemical
- Chemical
- Fire Fighters



DuPont™
Protera®
ARC FLASH SUIT



**PRODUCT
INFORMATION**

- YKK concealed brass zips on jackets and pants
- Adjustable velcro closure
- Double needle side seams
- Velcro side slits on hem of trouser
- Nomex knitted rib cuffing
- Raglan sleeve
- Protera sidewinder
- Side entry pockets on jackets and pants
- cal/cm² rating embroidery on jacket and pants

NFPA 70E Cat 2 ATPV RATING

ASTM F1959 ATPV 12 4, NFPA 2112 13 cal/cm²

**COMPOSITION
& APPLICATIONS**

- DuPont Protera
- 270gsm Fabric
- Engineered flame retardant yarn
- ATPV 12 4 cal/cm²

Sizes:

- 32-60 (Jackets)
- 28-56 (Pants)

Suitable for use in:

- Electrical arc flash



D59 BOILERSUIT



PRODUCT INFORMATION

- Two-way YKK concealed brass zip
- Fully triple stitched shoulders, arm holes, side seams, in-leg & back rise
- 50mm silver reflective tape on front of garment and 50mm Flame Retardant orange reflective tape on back of garment
- Left breast pocket with V-flap, pen division on top of flap
- Cargo pocket with concealed press stud V-flap and patch back Hip pocket

COMPOSITION & APPLICATIONS

- 100% Cotton
- 270gsm fabric
- The natural fibres make this garment comfortable and breathable

Sizes:

- 32-58 (Boilersuits)

Suitable for use in:

- Mining
- Steel installations
- Rigging

Compliant to SANS 434 & SANS 1387-4



D59 BOILERSUIT



PRODUCT INFORMATION

- Two-way YKK concealed brass zip
- Fully triple stitched shoulders, arm holes, side seams, in-leg & back rise
- 50mm silver reflective tape over shoulders, around arms and around legs and 50mm Flame Retardant orange reflective tape on back
- Left breast pocket with V-flap, concealed press stud and pen division on top of flap.
- Cargo pocket with concealed press stud V-flap and patch back hip pocket

COMPOSITION & APPLICATIONS

- 100% Cotton
- 270gsm fabric
- The natural fibres make this garment comfortable and breathable

Sizes:

- 32-58 (Boilersuits)

Suitable for use in:

- Mining
- Steel installations
- Rigging

Compliant to SANS 434 & SANS 1387-4



J54-RT BOILERSUIT MINING SPEC



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PRODUCT INFORMATION

- 6 pocket artisan boilersuit
- 50mm Lime silver lime reflective tape around arms, legs, strips above breast pocket and cross on the back
- Concealed NG5 metal button closure
- Fully triple stitched shoulders, arm holes, side seams, in-leg & back rise
- 2 x mitred breast pockets with monza NG5 metal button flaps
- Concealed elastic waist band
- Side swing pockets and slits
- Mitred back pocket
- Ruler pocket

COMPOSITION & APPLICATIONS

- 100% Cotton - desized unbleached
- 230gsm fabric
- The natural fibres make this garment comfortable and breathable

Sizes:

- 30-62

Suitable for use in:

- Mining
- Agriculture
- Construction
- Logistics

Compliant to SANS 434 & SANS 1387-4



J54-RT SUIT MINING SPEC



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PRODUCT INFORMATION

- 50mm Lime silver lime reflective tape around arms, legs, strips above breast pocket and cross on the back
- YKK concealed metal zip on jackets and pants
- Fully triple stitched shoulders, arm holes, side seams, in-leg & back rise
- Double needle yokes
- Mitred left breast pocket with V-flap
- Ruler pocket

Compliant to SANS 434 & SANS 1387-4

COMPOSITION & APPLICATIONS

- 100% Cotton
- 220/230gsm fabric
- The natural fibres make this garment comfortable and breathable

Sizes:

- 30-62

Suitable for use in:

- Mining
- Agriculture
- Construction
- Logistics
- General purpose use



**DID YOU KNOW:
DROMEX HAS OVER 400 000
WORK WEAR GARMENTS IN
STOCK AT ANY ONE TIME.**



"We believe that all employees in any work environment are entitled to maximum safety protection and that employers should not have to compromise on the quality of the PPE products they provide for their staff."

Stel Stylianou, CEO

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