

# Dromex



## DW NOMEX CONTI SUIT



### Description

The Dromex® DW-Nomex® inherent flame-resistant jacket and pants construction is designed to protect the user from the hazards of fire contact such as flash fires, reducing injury and loss of life. These garments are suitable for use when working in hazardous environments such as wildland fires, fire-fighting (non-structural and non-proximity), petro-chemical, utility and chemical industries.

The Nomex® engineered knitted garment construction is lightweight with wicking finishes for improved breathability and conforms to the latest SANS 434 standard, providing the user with overall ultimate comfort and protection.

The inherently flame-resistant fibres are materials that have the flame-resistant properties built into their chemical structures. The actual structure of the fibre itself is not flammable therefore these properties can never be worn away or washed out. When exposed to flame, the aramid fibre swells and becomes thicker, forming a protective barrier between the heat source and the skin. This protective barrier also stays supple until it cools, giving the wearer vital extra seconds of protection to escape from the hazard. The Nomex® fabric will not continue to burn or melt when the flame is removed. Nomex® fabric is also abrasion, tear and wear resistant and has a long wear-life.

This garment construction consists of the following:

#### Jacket features:

- Collared jacket.
- High visibility flame retardant reflective tape on arms, for enhanced visibility when working in poor lighting environments.
- Concealed brass YKK zip and press stud closure.
- 2 Open waist pockets and 1 left breast pocket with a mitred flap and Velcro closure and Nomex® sidewinder.
- Side slits for better fit over waist.
- Seams (side and shoulder) with triple needle top stitching for added durability.

#### Pants features:

- All seams with triple needle top stitching for durability.
- Flame retardant reflective tape on leg for enhanced visibility when working in poor lighting environments.
- A concealed brass zip and metal nickel button closure at waist.
- Two front swing pockets and a rear mitred open pocket with a Nomex® sidewinder.
- A mitred cargo pocket on the right leg with Velcro closure.
- Inner elasticated waist for optimum fit and flexibility with 7 belt loops.

#### Special Instructions

- Flame resistant garments should be thoroughly inspected before use to ensure no damage is present.
- Single layer garments made from these fabrics are not suitable for protection against continuous thermal loads, molten metal splash, hot liquids, or steam.
- Do not wear for structural or proximity fire-fighting.
- Do not use against chemicals.
- Follow all warning and user information included in garment manufacturer's labels.
- None of the materials or processes used in the manufacture of these products are known to be harmful to the wearer.
- The manufacturer has examined under the system for ensuring quality of production by means of monitoring and inspection.
- These flame garments are designed to accommodate the basic safety requirements and standards for Personal Protective Equipment.
- The information contained herein is intended to assist the wearer in the selection of personal protective equipment.
- Actual conditions of use cannot be directly simulated in a test environment therefore it is the responsibility of the end user and not the manufacturer or supplier to determine the garment suitability for the intended use.

#### Specifications

Style:	Navy blue, pants and jacket with high visibility flame retardant reflective tape on arms and legs.
Fabric composition:	Dupont Nomex® knitted yarn is composed of 93% meta-aramid, 5% Kevlar para-aramid and 2% carbon/nylon antistatic fibre.
Mass:	203gsm.
Reflective:	50mm Silver flame retardant tape
Additional:	Also available in a navy blue boilersuit style, Dromex part number DW-NOMEX-O.



#### Packaging, Storage & Obsolescence

DW-NOMEX-J are packed in individual polybags and sold as individual jackets.  
DW-NOMEX-P are packed in individual polybags and sold as individual jackets.

Should there be visible damage such as tears it is recommended to replace the garment immediately.



## Compliance & Conformity

- Garments comply to the latest SANS 434 sizing and style standard (This standard specifies requirements for the material, cut, make and trim of boilersuits, two-piece work wear suits, bib and brace overalls, coats and unlined jackets).
- NFPA 2112 (Standard on Flame Resistant Garments for Protection of Industrial Personnel Against Flash Fire).
- NFPA 70E (Requirements for safe work practices to protect personnel by reducing exposure to electrical hazards).
- NFPA 1975 (Standard on Emergency Services Work Apparel, sets the bar for protective garments specifically designed to withstand the effects of heat).
- Has anti-static properties – fabric is tested in accordance to EN1149-3 and fulfills the electro-static protection requirements of EN1149-5 for protective clothing.
- EN531 (Protective clothing for workers exposed to heat) per EN ISO 11612 (Protective clothing - Clothing to protect against heat and flame - Minimum performance requirements).
- ASTM F1506 (Standard Performance Specification for Flame Resistant and Electric Arc Rated Protective Clothing Worn by Workers Exposed to Flames and Electric Arcs).
- ASTM D6413 (Standard Test Method for Flame Resistance of Textiles (Vertical Test)).

## Cleaning & Maintenance

- The following suggestions will help keep your garment looking its best and optimise its wear life.
- Wash new garments before wearing to remove fabric processing aids and finishes.
- Nomex® garments can be cleaned by home cleaning or commercial laundering provided all the recommended conditions and setting are adhered to.
- Should home procedures not remove contaminants, then dry cleaning is recommended.
- Flammable contaminants will reduce the thermal protection of any flame resistant fabric and the garments made from there.
- Wash all garments made with NOMEX® fabric frequently to ensure that no greases, oily soils or other flammable contaminants where the garment is worn.
- Wash dark and light colours separately.
- Secure all closures before washing and drying.
- Pretreat greasy stains.
- Machine wash in hot water (maximum 140 °F / 60 °C) with a heavy duty detergent.
- Do not use chlorine bleach or detergents containing chlorine bleach.
- Tumble-dry on low heat (maximum 160 °F / 71 °C).
- Do not overdry. Remove promptly.
- Do not use fabric softeners or dryer sheets.
- When using commercial laundry aids, be sure to read and carefully follow manufacturer's instructions.
- Removal of grease or oil stains may require dry cleaning.
- Do not store or line-dry fabrics or garments in direct sun.
- Iron on low heat.

## Sizes Available

### Jackets

Size designation	Nominal measurements of finished garment (cm)			
	Chest circumference	Back length <sup>b</sup>	Back width	Sleeve length
77	94	70	36	47
82	99	71	38	47
87	104	72	40	48
92	109	73	42	48
97	114	74	44	49
102	119	74,5	46	49
107	124	75	48	50
112	129	75,5	50	50
117	134	76	52	51
122	139	76,5	54	51
127	144	77	56	52
132	149	77,5	58	52
137	154	78	60	53
142	159	78,5	62	53
147	164	79	64	54
152	169	79,5	66	54
157	174	80	68	54

### Pants

Size designation	Nominal measurements of finished garment (cm)		
	Waist extended	Outside leg length	Inside leg length
77/67	80	102	78
82/72	85	104	79
87/77	90	106	80
92/82	95	108	81
97/87	100	110	82
102/92	105	110	82
107/97	110	111	82
112/102	115	111	82
117/107	120	111	81
122/112	125	111	81
127/117	130	111	80
132/122	135	111	80
137/127	140	112	80
142/132	145	112	80
147/137	150	113	80
152/142	155	113	80
157/147	160	113	80

## Marking/Labels

### Tyvek Loop Fold Label

**Dromex FIRE**

Made with DuPont™ Nomex® Comfort Fabric  
93% Nomex® meta aramid, 5% Kevlar® para aramid,  
2% carbon/nylon anti-static fibres.  
New Germany, 3610, South Africa,  
Email: ww@dromex.co.za

Single layer garments made from these fabrics are not suitable for protection against continuous thermal loads, molten metal splash, hot liquids, or steam. Do not wear for structural or proximity fire fighting. Do not use for chemical protection. Follow all warning and use information included in garment manufacturer's labels.

Flammable contaminants will reduce the thermal protection of any flame resistant fabric and the garments made from them. Wash all garments made with NOMEX® IIIA or NOMEX® COMFORT fabric frequently to ensure that no greases, oily soils or other flammable contaminants are present when the garment is worn.

- Wash new garments before wearing to remove fabric processing aids and finishes.
- Launder garments separately from non-flame resistant clothing.
- Wash dark and light colours separately.
- Secure all closures before washing and drying
- Pretreat greasy stains.
- Machine wash in hot water (maximum 140 °F / 60 °C) with a heavy duty detergent.
- Do not use chlorine bleach or detergents containing chlorine bleach.
- Tumble-dry on low heat (maximum 160 °F / 71 °C).
- Do not overdry. Remove promptly.
- Do not use fabric softeners or dryer sheets.
- When using commercial laundry aids, be sure to read and carefully follow manufacturer's instructions.
- Removal of grease or oil stains may require dry cleaning.
- Do not store or line-dry fabrics or garments in sunlight.

**COLOUR FASTNESS ADVISORY:**  
Fabrics made with DuPont™ Nomex® Comfort brand fibers are available in various colours. We advise users of these fabrics that due to the colour change of these fibers after extended exposure to UV light not all colours may be appropriate for all applications. The flame resistance properties of the fabrics are not affected. The change in colour will vary according to the colour chosen. If the fabrics will be subjected to significant amounts of UV light exposure (sunlight or artificial), it may be desirable to select colours less likely to be affected. Garments made with the fabrics should be stored so that they are protected from unnecessary exposure to UV light.

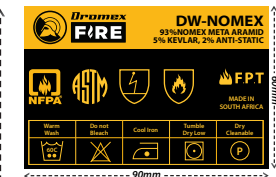
**PILLING ADVISORY:**  
Fabrics made with DuPont™ Nomex® Comfort brand fibers may be susceptible in varying degrees to pilling on their surface. Differences in fabric processing as well as differences in how garments are worn and cleaned can produce different levels of pilling. The flame resistance properties of Nomex® IIIA and Nomex® Comfort fabrics are not affected by the level of pilling.

Position:  
Jacket-Left side seam above hem (Inside)  
Pants-Right side below pocket opening (Inside)

### Disposal

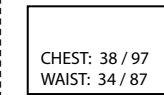
All industrial waste should be disposed of correctly according to local regulations and good disposal practice. Workwear should be disposed of considering the hazardous substance they were used for as well as the material they are made up of. Please consider recycling.

### Dromex Nomex Wash Label



Position:  
• Jacket-Neck  
• Pants -Inside (Left pocket)

### Size Label



Position:  
Jacket-Neck  
Pants-Inside left w/b

### Product & YOM Label



Position:  
Jacket-Neck  
Pants-Inside left w/b

### Sidewinder



Position:  
Jacket-pocket  
Pants-Pocket