

Dromex



DUPONT NOMEX FIRE SUIT



NOMEX

Description

The Dromex® DW-Nomex® inherent flame-resistant jacket and pants construction is designed to protect the user from the hazards of fire contact and reduce injury when working in hazardous environments. These garments are suitable for use in industries 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, 1 left breast pocket with Hook and Loop closure mitred flap and Nomex® sidewinder label.
- Side slits for comfortable fit over waist.
- Seams (side and shoulder) with triple needle topstitching for added durability.

Pants features:

- All seams with triple needle topstitching 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 fronts swing pockets and a rear mitred open pocket with a Nomex® sidewinder label.
- A mitred cargo pocket on the right leg with Hook and Loop 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.

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

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. 203gsm.
Mass:	50mm Silver flame retardant tape.
Reflective:	Also available in a navy blue boilersuit style, Dromex part number DW-NOMEX-O.
Additional:	



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 pants.

Dromex: 30 Umganu Road, Flanders, Blackburn
Cornubia Ridge Logistics Park, Kwazulu-Natal, 4319, South Africa
T. +27(31) 713 1960 E. info@dromex.co.za www.dromex.co.za

Disclaimer
Dromex reserves the right to make changes without further notice to any products herein to improve function, design or reliability and validity. Dromex does not assume any liability arising out of the application or use of any product described herein. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner.

Latest update: 16/04/2024

Compliance & Conformity

- Garments comply to the latest SANS 434 sizing and style standard (This standard specifies requirements for cut, make and trim of boiler-suits).
- 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 EN 1149-3 and fulfills the electro-static protection requirements of EN 1149-5 for protective clothing.
- EN 531 (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

Sizes: 32 - 60

Size designation	Nominal measurements of finished garment (cm)			
	Chest circumference	Back length ^b	Back width	Sleeve length
S	32/82	99	71	38
	34/87	104	72	40
M	36/92	109	73	42
	38/97	114	74	44
L	40/102	119	74,5	46
	42/107	124	75	48
XL	44/112	129	75,5	50
	46/117	134	76	52
2XL	48/122	139	76,5	54
	50/127	144	77	56
3XL	52/132	149	77,5	58
	54/137	154	78	60
4XL	56/142	159	78,5	62
	58/147	164	79	64
5XL	60/152	169	79,5	66

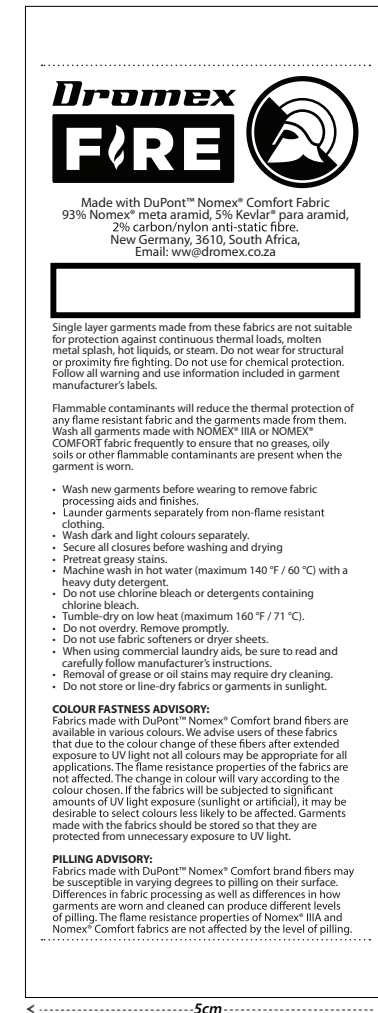
Pants

Sizes: 28 - 56

Size designation	Nominal measurements of finished garment (cm)		
	Waist extended	Outside leg length	Inside leg length
S	28/72	85	104
	30/77	90	106
M	32/82	95	108
	34/87	100	110
L	36/92	105	110
	38/97	110	111
XL	40/102	115	111
	42/107	120	111
2XL	44/112	125	111
	46/117	130	111
3XL	48/122	135	111
	50/127	140	112
4XL	52/132	145	112
	54/137	150	113
5XL	56/142	155	113

Marking/Labels

Tyvek Loop Fold Label

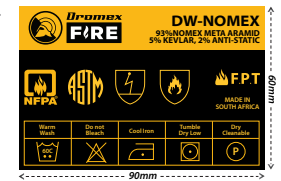


Position:
Jacket-Left side seam above hem (Inside)
Pants-Right side below pocket opening (Inside)

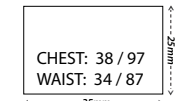
Disposal

All industrial waste should be disposed of correctly according to local regulations and good disposal practice. Please consider recycling.

Dromex Nomex Wash Label



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

**Dromex: 30 Umganu Road, Flanders, Blackburn
Cornubia Ridge Logistics Park, Kwazulu-Natal, 4319, South Africa
T. +27(31) 713 1960 E. info@dromex.co.za www.dromex.co.za**

Disclaimer

Dromex reserves the right to make changes without further notice to any products herein to improve function, design or reliability and validity. Dromex does not assume any liability arising out of the application or use of any product described herein. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner.

Latest update: 16/04/2024