

# Dromex



## DUPONT NOMEX BOILERSUIT



**NOMEX-O**

### Description

The Dromex® DW-Nomex® inherent flame-resistant boilersuit construction is designed to protect the user from the hazards of fire contact and reduce injury when working in hazardous environments.

This garment is 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:

- Collared boilersuit with metal button closure on neckline and hanger loop.
- High visibility flame retardant reflective tape on arms and legs for enhanced visibility when working in poor lighting environments.
- 2 Way concealed brass YKK zip and press stud closure.
- 1 Left breast Mitred pocket with concealed Hook and Loop closure V-flap and Nomex® sidewinder label.
- A 2 way radio pocket with Hook and Loop closure on the right chest.
- A gas detector/analyser tab above the left breast pocket.
- 2 Open waist pockets and 1 left breast pocket with a mitred flap, Hook and Loop closure and Nomex® sidewinder.
- All seams with triple needle topstitching for durability.
- Two side swing pockets and two rear mitred pockets with Hook and Loop closure monza flap.

### 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.

### Compliance & Conformity

- Garments comply to the latest SANS 434 sizing and style standard (This standard specifies requirements for the cut, make and trim of

boilersuits).

- 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.
- 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)).

### Specifications

Style:	Navy blue, one piece boilersuit 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 conti-suit style, Dromex® part number DW-NOMEX-J and DW-NOMEX-P.



Disclaimer

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Latest update: 19/03/2024

## Packaging, Storage & Obsolescence

DW-NOMEX-O are packed in individual polybags and sold individually.

## 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 are present when the garment is worn.
- Wash dark and light colours separately.
- Secure all closures before washing and drying.
- Pre-treat 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 over dry. 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.
- Iron on low heat.

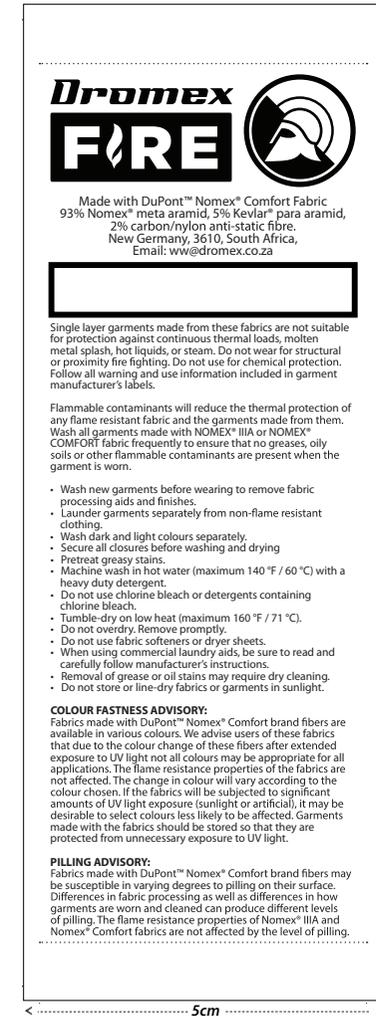
## Sizes Available

32-64

Size designation	Nominal measurements of finished garment (cm)											Back Width
	Circumference of					Length of					Set-in sleeves and raglan sleeves	
	Chest	Waist (Extended)	Seat	Plain & Ruched Cuff (Extended)	Bottoms	Back Neck to Waist	Outside Leg	Inside Leg	Long Sleeve	Short Sleeve		
S	32/82	99	85	97	27	44	49	104	79	47	13	38
	34/87	104	90	102	27	46	50	106	80	48	13	40
M	36/92	109	95	107	28	48	51	108	81	48	14	42
	38/97	114	100	112	28	50	52	110	82	49	14	44
L	40/102	119	105	117	28	50	53	110	82	49	14	46
	42/107	124	110	122	29	50	54	111	82	50	15	48
XL	44/112	129	115	127	29	50	55	111	82	50	15	48
	46/117	134	120	132	29	51	56	111	81	51	15	52
2XL	48/122	139	125	137	30	51	57	111	81	51	16	54
	50/127	144	130	142	30	51	57	111	80	52	16	56
3XL	52/132	149	135	147	30	51	57	111	80	52	16	58
	54/137	154	140	152	31	52	57	112	80	53	17	60
4XL	56/142	159	150	162	31	52	58	113	80	54	17	64
	58/147	164	150	162	31	52	58	113	80	54	17	64
5XL	60/152	169	155	167	32	52	58	113	80	54	18	66
	62/157	174	160	172	32	52	58	113	80	54	18	68
6XL	64/162	179	165	177	33	52	59	114	80	54	18	69.5

## Marking/Labels

### Tyvek Loop Fold Label



Position:  
Side seam (Inside)

### Disposal

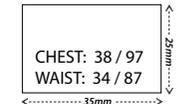
All industrial waste should be disposed of correctly according to local regulations and good disposal practice. Please consider recycling.

### Dromex Nomex Wash Label



Position:  
Neck (Inside)

### Size Label



Position:  
Neck (Inside)

### Product & YOM Label



Position:  
Neck (Inside)

### Sidewinder



Position:  
Breast pocket