

# Dromex



## D59 FLAME RT SUIT



DW-FLAMERT

### Description

Dromex® D59 Fern Green flame treated jacket and pants are designed to protect the user from the hazards of accidental flame contact, reducing injury and loss of life when working in hazardous environments.

The Dromex DW-FLAMERT pants and jacket is approved to the latest SANS 434 specification and has the SABS permit marking.

The D59 drill fabric construction is heavy duty and durable whilst the flame garment treatment technology resists the effects of flame contact, offering the user offer much-needed protection in the workplace.

The 100% cotton satin weave finish natural fibre construction makes this garment comfortable and breathable.

This garment consists of the following:

#### Jacket features:

- Collared jacket with internal hanger loop.
- High visibility lime green silver tape on arm, partial chest, shoulders and rear upper back for enhanced visibility when working in poor lighting environments.
- Concealed brass YKK zip closure.
- 2 Open waist pockets and 1 left breast pocket with a Dromex® side-winder label and mitred flap and concealed metal press stud closure.
- Side slits for better fit over waist.
- Seams with triple needle topstitching for added durability.

#### Pants features:

- High visibility lime green silver tape on leg for enhanced visibility when working in poor lighting environments.
- A concealed brass zip with metal nickel button closure at waist.
- Two front swing pockets and a rear mitred open pocket with a Dromex® sidewinder label.
- A tool pocket on the right leg.
- Triple needle topstitching for added durability.
- Inner elasticated waist for optimum fit and flexibility with 7 belt loops.

This garment is suitable for use in general work environments such as engineering, smelting operations, mining, construction, oil and gas, maintenance, repairs and welding industries.

#### Special Instructions

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-resistant 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. Flame protective garments should be thoroughly inspected before use to ensure no damage is present.

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

#### Specifications

Style:	Fern green pants and jacket with high visibility lime green and silver tape on arms, partial chest, back and and legs.
Fabric composition:	100% Cotton.
Mass:	320gsm.
Reflective:	50mm Lime green with 19mm silver tape.

#### Compliance & Conformity

- Garments comply to the latest SANS 434 standard (This standard specifies requirements for the material, cut, make and trim of boiler-suits, two-piece work wear suits, bib and brace overalls and coats and unlined jackets).

#### This standard makes reference to the following relevant standards:

SANS 1362	Sewing threads.
SANS 1387-4	Part 4: Cotton jean and drill fabrics.
SANS 1387-10	Part 10: Pocketing.
SANS 1822	Slide fasteners.
SANS 5278	Sewing stitches per unit length.
SANS 10235	Fibre-content labelling of textiles and textile products.
SANS 50471	High-visibility warning clothing for professional use.

- The fabric is to SANS 1387-4 for D59 drill fabric, 4/1 satin weave @270gsm, 37 thread per cm weft and 19 threads per cm warp. The breaking strength is 940 N warp and 510 N weft.

#### • Flame retardant fabric is tested to SANS 1423-1 for textile fabrics of low flammability for apparel:

Class B Category 1:

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. Surface Flash None.

Ignition time (seconds) \_ 20 sec.

Rate of flame propagation 5 mm/s.

\*\* Note this is a test situation for the fabric and does not cancel or imply otherwise to the labels wash instruction.

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Latest update: 25/08/2021

## Packaging, Storage & Obsolescence

Dromex DW-FLAMERT-J - jackets are packed in individual polybags and sold as 10 units per carton.

Dromex DW-FLAMERT-P - pants are packed in individual polybags and sold as 10 units per carton.

## Cleaning & Maintenance

- The following suggestions will help keep your garment safe and neat:
- D59 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.
- Our recommended cleaning for these garments is as follows:
  - Flame Retardant garments should not be washed with personal non-flame retardant clothing to avoid contamination by flammable materials.
    - Pre-treat greasy stains and wash the garment in warm water with a light cleaning solvent.
    - Do not use Hypochlorite bleach or detergents containing Hypochlorite bleach as fading may occur.
    - Do not tumble dry.
    - Thoroughly rinse the garment to remove any wetting agents.
    - Do not hang in direct sunlight as fading may occur.
    - Iron the garment to enhance and re-generate the finish effect
  - When using commercial laundry aids, be sure to read and carefully follow the manufacturer's instructions.



### Note:

The flame-retardant finish is a permanent finish applied to the cotton fabric which reacts with the cotton fibre to produce a permanent covalent bond. This is used internationally to produce a wash fast flame-retardant finish that lasts at least 50 washes.

## Sizes Available

Jacket: 30 - 64

Size designation	Nominal measurements of finished garment (cm)	Nominal measurements of finished garment (cm)			
		Chest circumference	Back length <sup>b</sup>	Back width	Sleeve length
<b>XS</b>	<b>30/77</b>	94	70	36	47
<b>S</b>	<b>32/82</b>	99	71	38	47
	<b>34/87</b>	104	72	40	48
<b>M</b>	<b>36/92</b>	109	73	42	48
	<b>38/97</b>	114	74	44	49
<b>L</b>	<b>40/102</b>	119	74,5	46	49
	<b>42/107</b>	124	75	48	50
<b>XL</b>	<b>44/112</b>	129	75,5	50	50
	<b>46/117</b>	134	76	52	51
<b>2XL</b>	<b>48/122</b>	139	76,5	54	51
	<b>50/127</b>	144	77	56	52
<b>3XL</b>	<b>52/132</b>	149	77,5	58	52
	<b>54/137</b>	154	78	60	53
<b>4XL</b>	<b>56/142</b>	159	78,5	62	53
	<b>58/147</b>	164	79	64	54
<b>5XL</b>	<b>60/152</b>	169	79,5	66	54
	<b>62/157</b>	174	80	68	54
<b>6XL</b>	<b>64/162</b>	179	80,5	70	54

Pants: 26 - 60

Size designation	Nominal measurements of finished garment (cm)	Nominal measurements of finished garment (cm)		
		Waist extended	Outside leg length	Inside leg length
<b>XS</b>	<b>26/67</b>	80	102	78
<b>S</b>	<b>28/72</b>	85	104	79
	<b>30/77</b>	90	106	80
<b>M</b>	<b>32/82</b>	95	108	81
	<b>34/87</b>	100	110	82
<b>L</b>	<b>36/92</b>	105	110	82
	<b>38/97</b>	110	111	82
<b>XL</b>	<b>40/102</b>	115	111	82
	<b>42/107</b>	120	111	81
<b>2XL</b>	<b>44/112</b>	125	111	81
	<b>46/117</b>	130	111	80
<b>3XL</b>	<b>48/122</b>	135	111	80
	<b>50/128</b>	140	112	80
<b>4XL</b>	<b>52/132</b>	145	112	80
	<b>54/137</b>	150	113	80
<b>5XL</b>	<b>56/142</b>	155	113	80
	<b>58/147</b>	160	113	80
<b>6XL</b>	<b>60/152</b>	165	114	80

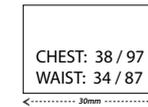
## Marking/Labels

DROMEX



Position:  
Jacket - Neck (inside)  
Pants - Inside (left pocket)

SIZE



Position:  
Jacket - Neck  
Pants - Inside (left pocket)

PRODUCT STANDARD

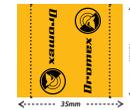


SANS 1362, SANS 1387-4,  
SANS 1387-10, SANS 1822,  
SANS 5278 and SANS 10235.

## Disposal

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

SIDEWINDER



Position:  
Jacket - Top pocket  
Pants - Back (right pocket)

ORIGIN & YOM



Position:  
Jacket - Top pocket  
Pants - Inside (left pocket)