

TECHNICAL DATA SHEET & CERTIFICATE OF CONFORMITY

File: dromex tds DW D59F.docx
Revision: 01 (18 April 2016)
Page: 1 of 2



Dromex

DROMEX FLAME RETARDANT D59 100% COTTON WORKWEAR

DW-D59-J Jackets

DW-D59-P Pants



Description:

SABS 434 mark bearing work suits are made from 100% cotton D59, SABS fabric, that meets SANS 1387:2014 and is treated for flame resistance to meet the SANS 1423-1:2008. All zips are brass YKK. This product is manufactured and distributed as suit jackets and suit pants. D59 drill fabric is recommended for heavy duty garments and overalls. 100% cotton satin weave with a finished mass of 310 - 320 g/m²

Specifications:

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

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.

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.

Flame retardant silver retro-reflective tape is tested to SANS 50471:2006 (EN471:2003 + A1:2008) and SANS 1423-1:2008 for textile fabrics of low flammability for apparel:

High visibility warning protective clothing capable of signalling the user's presence visually, intended to provide conspicuity of the user in hazardous situations under any light conditions by day and under illumination by vehicle headlights in the dark. Performance requirements are included for retro-reflection and not for the entire garment.

Compliance & Conformity:

Garments to SANS 434:2011 (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).



These products are manufactured in ISO9001:2008 (SANS9001) accredited manufacturing facilities and being mark bearing SABS garments are checked for conformity by the SABS.



Storage & Obsolescence:

These garments if stored correctly will have a shelf life of 5 years. Disposal of all contaminated personnel protective garments should be in the correct manner as per the local, statutory and recommended best practice as the garments could be contaminated. This is a cotton product that has been treated.



Garment Care:

D59 garments can be cleaned by home cleaning or commercial laundering provided all the recommended conditions and setting are adhered to. If home procedures do not remove contaminants, then dry cleaning is recommended. Do not overload home laundry equipment. Our recommended cleaning for these garments are:




The following suggestions will keep your garment looking neat, attractive and safe:

Flame Retardant garments should not be washed with personal non-flame retardant clothing to avoid contamination by flammable materials. Pre-treat greasy stains and collar and cuff lines or wash the garment in hot water with a light dry cleaning solvent. Do not use Hypochlorite Bleach or detergents containing Hypochlorite Bleach. Chlorine bleach may cause fading and reduce fabric strength. The flame retardant finish is a permanent finish applied to the cotton fabric which reacts with the cotton fibre to produce a permanent co-valent bond. This is used internationally to produce a wash fast flame retardant finish that lasts at least 50 washes.

Styles, Colours, Sizes and Packing:

All garments are packed in a Dromex printed polybag and then packed in cartons ready for transport:

Type	Quantity per Carton	Colour
		 Navy Blue
Jackets	20	28 to 68
Pants	20	28/24 to 68/64

For sizing dimension please refer to SANS 434 as this is a mark bearing product.

Marking:

Labels

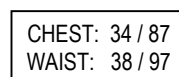
DROMEX



ORIGIN & YOM



SIZE



SIDEWINDER



Jacket
 Pants
 Overall

Neck
 Inside left pocket
 Neck

Neck
 Inside left pocket
 Neck

Neck
 Inside left pocket
 Neck

Top pocket
 Back right pocket
 Top pocket

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.

