

Scilabub Limited

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Information for customer: FROSTERS CRYOGENIC CLOTHING



Unlined	Elasticated	Lined	Velcro
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Stockcode	Style No	Style Ref	Size	Chest/ Waist/cm	Length/ cm
4431010080	CRJ/87B	Suit Jacket	S	92-96	160
4431010090	CRJ/87B	Suit Jacket	M	102-106	168
4431010100	CRJ/87B	Suit Jacket	L	112-116	176
4431010110	CRJ/87B	Suit Jacket	XL	122-128	184
4431010120	CRJ/87B	Suit Jacket	XXL	132-138	192
4431020080	CRT/89A	Suit Trousers	S	92-96	160
4431020090	CRT/89A	Suit Trousers	M	102-106	168
4431020100	CRT/89A	Suit Trousers	L	112-116	176
4431020110	CRT/89A	Suit Trousers	XL	122-128	184
4431020120	CRT/89A	Suit Trousers	XXL	132-138	192
4499990080	CRJ/87A	Suit Jacket with Hood	S	92-96	160
4499990090	CRJ/87A	Suit Jacket with Hood	M	102-106	168
4499990100	CRJ/87A	Suit Jacket with Hood	L	112-116	176
4499990120	CRJ/87A	Suit Jacket with Hood	XL	122-128	184

Test	Level	Standard
Abrasion Resistance	1	EN 388:2016
Cut Resistance	X	EN 388:2016
Cut Resistance (TDM)	X	EN 388:2016
Tear Resistance	3	EN 388:2016
Puncture Resistance	X	EN 388:2016
Flexibility	Pass	EN 511:2006
Water Penetration	X	EN 511:2006
Extreme Cold Flexibility	Pass	EN 511:2006
Convective Cold	2	EN 511:2006
Contact Cold	2	EN 511:2006
Water Penetration	162-196 Kpa	EN20811:2018



SUIT DESCRIPTION:- The Scilabub Cryogenic suit is specifically designed to protect the wearer from Cryogenic spills and splashes, including Liquid Nitrogen and other Cryogenes.

Typical applications include in laboratories when handling items stored in the vapour phase of liquid nitrogen (ranging from -120°C to -190°C) or if a Cryogenic material spillage or splash is a possibility.

The suits compliment the Scilabub range of Frosters gloves and Aprons that have offered this Cryogenic protection to users for over 30 years and are manufactured incorporating the same outer material.

The outer layer, of royal blue, woven, polyamide, has a waterproof coating to resist condensed water on cold surfaces. The middle layer is of special polyolefin/polyester micro fibre, which is almost twice as effective in thermal insulation as a similar thickness of down. This minimises heat transfer without being so thick as to be cumbersome. The inner layer is of polyester for comfortable wear. Please note suit is designed to be worn over other clothing.

MARKING:- Each packet shall be labelled / contain the appropriate marking with regards to the amount, type, size, manufacturer, performance levels and CE mark. Labels on the clothing will contain similar information. This information will be provided in the minimum resale quantity.

INTERMEDIATE SAFETY CATERGORY:-

Clothing is designed to protect the body as a two piece suit and has been tested in accordance with EN388:2016 & EN511:2006. When selecting clothing based on risk analysis it should be understood that the protection is limited to the risk level and standards mentioned above. The EU type examination was carried out by ITS Testing Services, Centre Court, Meridian Business Park, Leicester, LE19 1WD, UK. Their test house number is 0362, and is subject to ongoing surveillance by SGS United Kingdom. 202B, Worle Parkway, Weston-super-Mare BS22 6WA notified body 0120. None of the materials or processes used in the manufacture of these products is known to be harmful to the wearer. None of the materials or processes used in the manufacture of these products is known to be harmful to the wearer.

WARNINGS:

Test results apply to the clothing in the as received condition may differ if cleaned. Do not use near moving machinery due to entanglement hazard. Overall classification may not reflect the performance of only the outermost layer. Items may lose their insulative properties when wet.

CARE / MAINTENANCE: Cleaning and disinfection is not intended for these items. Both new and used items should be thoroughly inspected before and after use, especially after cleaning treatment, and before being worn to ensure no damage is present. Damaged clothing should not be worn and should be disposed of. Wet or contaminated clothing should not be used. Dirty clothing may not provide the same level of protection as that shown. Clothing should not be left in a contaminated condition if re-use is intended, in which case clothing should be cleaned as far as possible, provided no serious hazards exist, before

removal. Excess contaminant should first be removed, e.g. loose dirt can be brushed off with a soft brush. The clothing may be de-contaminated with mild detergent solution, then rinsed with clean water and allowed to dry naturally, ideally with some air movement.

Do not wring. Do not tumble dry. Do not use bleach. Clothing may be rinsed in water and allowed to drip dry in ambient temperatures. Reshape whilst still damp.

Warning:

PACKING AND STORAGE

Can be used under normal climatic conditions. Clothing shall be wrapped in polymeric packaging. Clothing can be used up to five years after date of supply if stored correctly. Store in original packaging. Clothing should be ideally stored in a cool dry place away from direct sunlight at ambient temperatures (between 5°C and 25°C) in a dry well ventilated area in original packaging to maintain the optimum properties of the clothing. The clothing are packed in bundles, along with this leaflet. This bundle is suitable for transportation and storage.

OBSOLESCENCE

Stored correctly, the clothing' physical properties will not change for up to five years.

GENERAL

The quality system used to manufacture the clothing is in compliance with ISO 9001:2015.

PLEASE NOTE

The information contained here is intended to assist the wearer in the selection of personal protective equipment. The result of the laboratory tests should help with correct clothing selection; however, it should be understood that the actual conditions of use cannot be directly simulated. It is therefore the responsibility of the end user and not the manufacturer to determine the clothing suitable for the intended use.

DECLARATION

This clothing series satisfies the basic requirements of the PPE Regulation (EU) 2016/425 in being innocuous/free from nuisance factors, ergonomic and breathable. Conditions of use are not simulated by the test results and as such service life cannot be specified.

Further information is available at the below address:

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