

# LODE WORK

MAKING THE DIFFERENCE

## COVERALLS RANGE 2021



LODE  
CREATE + CARRY + PROTECT



OIL & GAS



RAIL



UTILITIES



DEFENCE



CONSTRUCTION



# ABOUT US

**LODE GROUP IS A WELL-ESTABLISHED PROVIDER OF PROTECTIVE CARRYING SYSTEMS AS WELL AS TECHNICAL AND TACTICAL WORKWEAR WITH EITHER OFF-THE-SHELF PRODUCTS OR AS A BESPOKE PRODUCT PACKAGE SOLUTION.**



Whichever your choices, we maintain a strong focus on quality and innovation which deliver you, our customers, flexibility and advantage in your market sectors as well as protection for your teams and equipment.

## BESPOKE SOLUTIONS

A key arm of the business is as a tier 2 supplier of bespoke products and subcomponents closely tailored for best design, value and performance, in tandem with a logistical package to suit.

Our work in industrial and defence sectors has made us experts in textile materials, components and creating finished products. Our easy to manage process delivers high quality, great value outcomes and unrivalled customer satisfaction.

For further details on this service, let us show you how we can assist.



## OUR RANGE

**Technical Coveralls:** lightweight Viper FR 220 and standard weight Viper FR, anti-static coveralls, plus Apollo Arc Flash and Vulcan Weld - available with Cut-To-Fit® feature and in a range of colours.

**Hi-Vis Clothing:** designed primarily for rail use, a certified range of Cut-To-Fit® trousers, overtrousers, polos and jackets.

**Safety Rucksacks:** featuring Rip-Clip™ quick release system in hi-vis orange.

**Holdalls:** a range of kitbags and holdalls suitable for use across a wide variety of industries.

**Tool Belts & Pouches:** rugged pouches in two sizes with adjustable waist tool belt and tool insert accessory for our rucksacks.

## THE SECTORS WE SUPPLY TO INCLUDE:



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## SAFETY STANDARDS

All our Personal Protection Equipment (PPE) is approved to the requisite national and international safety standards governing performance and quality of manufacture. See page 5 for full definitions of all our safety standards.



EN 1149



EN ISO 11611



EN ISO 11612



Module D



IEC 61482

# TECHNICAL COVERALLS OVERVIEW

Lightweight and heavyweight, industrial launderable fabrics offering various levels of protection.



Industrial launderable 50mm reflective tape

Chest pockets

Heavy duty double stitching throughout

Side pockets

4 heavy-duty bar tack seam reinforcements to reduce wear in crotch area



Unique to LODEWORK, the patented Cut-To-Fit® leg adjustment system allows the wearer to adjust between tall, regular and short leg lengths.



# TECHNICAL COVERALLS

## VIPER FR COVERALL

Code: COVFRAS01

### Features & Benefits

- 50mm Fire Retardant reflective tape, industrial launderable
- Front - 2 way heavy-duty YKK brass zipper fastening
- Covered chest pockets, YKK brass zippers
- Two side pockets with two vertical opening design
- Back pockets with flap, arm pocket with flap
- Cuffs with internal brass poppers
- Fire retardant thread
- Industrial launderable
- Cut-To-Fit® leg adjustment

**Colours:** Orange, navy, red and royal blue

**Fabrics:** Frecotex® 350g, fire retardant, anti-static protection

**Sizes:** 33-52" Chest

**Approved to:** EN ISO 11612:2015 A1 B1 C1 F1; EN 1149-5:2018



LEG LENGTH ADJUSTMENT

## VIPER FR 220 COVERALL

Code: COVFRAS220

### Features & Benefits

- 50mm Fire Retardant reflective tape, industrial launderable
- Front - 2 way heavy-duty YKK brass zipper fastening
- Covered chest pockets, YKK brass zippers
- Two side pockets with two vertical opening design
- Back pockets with flap, arm pocket with flap
- Cuffs with internal brass poppers
- Fire retardant thread
- Industrial launderable
- Cut-To-Fit® leg adjustment

**Colours:** Orange, navy, red and royal blue

**Fabrics:** Frecotex® 220g fire retardant, anti-static protection

**Sizes:** 33-52" Chest

**Approved to:** EN ISO 11612:2015 A1 B1 C1 F1; EN 1149-5:2018



LEG LENGTH ADJUSTMENT

## APOLLO ARC COVERALL

Code: COVARC01

### Features & Benefits

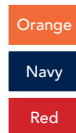
- 50mm Fire Retardant reflective tape, industrial launderable
- Front - 2 way heavy-duty YKK brass zipper fastening
- Covered chest pockets, YKK brass zippers
- Two side pockets with two vertical opening design
- Back pockets with flap, arm pocket with flap
- Cuffs with internal brass poppers
- Fire retardant thread
- Industrial launderable
- Cut-To-Fit® leg adjustment

**Colours:** Orange, navy and red

**Fabrics:** Frecotex® 350g, fire retardant, anti-static, arc flash protection

**Sizes:** 33-52" Chest

**Approved to:** EN ISO 11611:2015 Class 1 A1 A2; EN 1149-5:2018; EN ISO 16112:2015 A1 B1 C1 F1; IEC 61482-1-2 Class 1; 14 cal/m<sup>2</sup>



LEG LENGTH ADJUSTMENT

## VULCAN WELD COVERALL

Code: COVWELD01

### Features & Benefits

- 50mm Fire Retardant reflective tape, industrial launderable
- Front - 2 way heavy-duty YKK brass zipper fastening
- Covered chest pockets, YKK brass zippers
- Two side pockets with two vertical opening design
- Back pockets with flap, arm pocket with flap
- Cuffs with internal brass poppers
- Fire retardant thread
- Industrial launderable
- Cut-To-Fit® leg adjustment

**Colours:** Orange, navy

**Fabrics:** Frecotex® heavy duty 420g material weld, fire retardant, anti-static, arc flash protection

**Sizes:** 33-52" Chest

**Approved to:** EN ISO 11611:2015 Class 2 A1 A2; EN ISO 11612:2015 A1 B1 C1 F1



LEG LENGTH ADJUSTMENT

# CLOTHING STANDARDS EXPLAINED

These are for general information only. It is the responsibility of PPE issuers and end-users for checking the standards and selecting the appropriate garments for the wearer.



## EN ISO 11612

### PROTECTION AGAINST HEAT & FLAME OVERVIEW

Used in sectors such as oil and gas where there is a risk of accidental injury to heat and flame. Like other standards there are different levels of protection:

A: Limited Flame Spread - fabric combination meets EN 14116 index 3

B: (B1-B5) - Insulation against convective heat

C: (C1-C4) - insulation against radiant heat

D: (D1-D3) - insulation against molten aluminium

E: (E1-E3) - insulation against molten cast iron

F: (F1-F3) - insulation against contact heat

More details are available on the standard itself.



## EN ISO 11611

### PROTECTIVE CLOTHING FOR WELDING AND ALLIED PROCESSES OVERVIEW

Where there are accidental injury risks from flame, light molten splatter, radiant heat and short term accidental electrical contact with flame – and certain types of thermal heat transfer. Types of work are detailed in the standard itself. Different levels of protection are:

A: limited flame spread - fabric combination meets EN 14116 index 3 plus either

Class 1: lower level less hazardous welding situations

Class 2: high level more hazardous welding situations

Further details are available on the standard itself.



## EN 1149-5

### PROTECTION AGAINST ELECTROSTATIC DISCHARGE OVERVIEW

The standard outlines material and design performance for electrostatic dissipative protection as part of an earthed system to avoid incendiary discharge of static electricity. Garments to this standard do not offer protection from mains voltage. Further details are available on the standard.



## IEC 61482

### PROTECTION AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC OVERVIEW

The European standard for thermal hazards of an arc flash. It includes requirements for material tests and whole garment tests. Garments certified to this standard are defined as "complex design", are subject to annual factory audits under Module D of the PPE Directive.

#### \* IMPORTANT NOTES

- Attention must be paid to instructions on User Information sheets. Damage may reduce or nullify garment performance.
- Beware! Just because sellers say materials in a garment meet a standard, it doesn't follow that the garment does. Finished garments undergo tests to the standard. Always check that the above pictograms and the accredited body are listed on the User Information sheet.

# SIZE GUIDE & PRODUCT LISTING

## CUT-TO-FIT® COVERALLS

<b>CHEST SIZE</b> inches	36	38	40	42	44	46	48	50	52	54	56	58	60
To fit <b>CHEST SIZE</b> inches	34-36	36-38	38-40	40-42	42-44	44-46	46-48	48-50	50-52	52-54	54-56	56-58	58-60
To fit <b>CHEST SIZE</b> cm	86-91	91-97	97-102	102-107	107-112	112-117	117-122	122-127	127-132	132-137	137-142	142-147	147-152

## CUT-TO-FIT® TECHNICAL COVERALLS - PRODUCT LISTING

Product Code	Product Name	Colour Options	Standards	Sizes	Order Quantity
COVFRAS220	Viper FR 220 Coverall, 220g	Orange, Navy, Red, Royal Blue	EN ISO 11612:2015 A1 B1 C1 F1; EN 1149-5:2018	Chest 33-52"	10 pieces mixed sizes
COVFRAS01	Viper FR Coverall, 350g	Orange, Navy, Red, Royal Blue	EN ISO 11612:2015 A1 B1 C1 F1; EN 1149-5:2018	Chest 33-52"	10 pieces mixed sizes
COVARC01	Apollo Arc Coverall, 350g	Orange, Navy, Red	EN ISO 11611:2015 Class 1 A1 A2; EN 499-5; EN ISO 16112:2015 A1 B1 C1 F1; IEC 61482-1-2	Chest 33-52"	10 pieces mixed sizes
COVWELD01	Vulcan Weld Coverall, 420g	Orange, Navy	EN ISO 11611:2015 A1 A2; EN ISO 11612:2015 A1 B1 C1 D1 F1; EN 1149-5:2018	Chest 33-52"	10 pieces mixed sizes

**ORDERING INFORMATION:  
CALL 01628 623843 OR EMAIL: SALES@LODE.GROUP  
TO SPEAK TO OUR EXPERTS**



# VALUES & COMMITMENT TO QUALITY

Our customers value our approach, integrity and dynamism. Consistent performance and continuous innovation over 10 years have built up a loyal client following.

In today's dependence on global supply chains we offer built-in resilience with dual sourced manufacturing options, transport and storage options to ensure that our customers are not left high and dry. Our wholly owned subsidiary in SE Asia ensures the highest degree of control over our production centres.

In 2020 we have started making changes way the way that we operate and our approach (also driven by our customers) to production, packaging and transportation. We are investing heavily in sourcing recyclable and recycled materials, and bringing this to the table. Single-use packaging will be phased out within 2 years, and we plan to have the company certified to ISO9001:2014 before the end of 2020. This standard will form the basis of our drive towards a more sustainable business format.



## ISO 9001:2015

These quality management systems scope and shape our activities ensuring disciplined and controlled activity towards the success of our business. UKAS accreditation not only delivers credibility and oversight to quality systems, but enables us to participate and work with public and government organisations.



## FRECOTEX®

Frecotex is the latest in a line of outstanding new textiles to the market-place. Unlike other FR cotton materials, Frecotex offers a safe, low-odour alternative as well as Oeko-Tex 100 and REACH environmental certification. It is available in several grades offering FR, anti-static, arc flash, chemical splash or weld quality. All in weights appropriate to the working environments.



## MODULE D - exclusive supplier FE

We have committed to have all our technical coverall range within a Module D approved factory. Module D is the quality control system for the manufacture of Category 3 safety wear. This EU Directive requires a Notified Body to audit the site, the staff, manufacturing processes and quality systems – this must be done annually. Delivering a final layer of protection to the end user.



## RIP-CLIP™

Rip-Clip is Lode's leading quick-release for bag system in Europe, with over 50,000 rucksack supplied in the last 5 years to rail, aggregate and utility sectors in Europe and North America. Its unique design allows a clean and fast release of a rucksack in the event of entanglement or danger. The system can be applied to a variety of rucksacks and shoulder packs standard or bespoke. A patented product.



## CUT-TO-FIT®

Cut-to-Fit® is another innovation that offers game-changing advantage in the competitive field of workwear.. Its simple leg adjustment system means that the number of SKUs held by a distribution centre can be reduced by 60% in value and space. A patented product.

## CERTIFICATIONS & ACCREDITATIONS



Lode Group operates and is certified to ISO 9001:2015, UKAS approved.



Lode Group is an official safety equipment supplier and innovation partner for Network Rail

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