

LODE WORK

MAKING THE DIFFERENCE

PRODUCT RANGE 2021



LODE
CREATE + CARRY + PROTECT



OIL & GAS



RAIL



UTILITIES



DEFENCE



CONSTRUCTION



**“WORLD-CLASS
PRODUCTS THAT
DELIVER INCREDIBLE
PROTECTION AND
PERFORMANCE.
IN ALL CONDITIONS
AND EVERY SITUATION.”**

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

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

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.

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 belt and tool insert accessory for our rucksacks.



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 15 for full definitions of all our safety standards.



RIS 3279-TOM



EN ISO 20471



EN ISO 11611



EN ISO 11612



Module D



EN 1149



IEC 61482



EN 343

IN THIS BROCHURE:

3	About Us / Index	13	Off-The-Shelf Tool Belts & Pouches
4-5	High-Visibility Workwear	14	Bespoke Products & Sub Components
6-7	Technical Coveralls	15	Clothing Standards Explained
8-9	Cut-to-Fit® Workwear Range	16	Size Guides
10-11	Rip-Clip™ Safety Rucksack	17	Full Product Listing
12	Bags - Hi-vis & Standard Range	18	Values & Commitment to Quality

HIGH-VISIBILITY WORKWEAR

HI-VIS SOFT SHELL JACKET

Code: HVC10

Features & Benefits

- 50mm reflective tape
- Teflon-coated polyester and polyester fleece lining
- Elastic waist hem tightener
- Grey zip and pocket highlights
- Adjustable velcro cuffs

Colours: Orange

Fabrics: Teflon-coated polyester
Polyester fleece lining

Sizes: S-3XL

Approved to Rail Specification:

RIS 3279-TOM; EN ISO 20471 - Class 3



HI-VIS LONG SLEEVE POLO

Code: HVS01-PLS

Features & Benefits

- 50mm reflective tape
- Highlighted grey collar and cuffs

Colours: Orange

Fabrics: 180g/m² birdseye polyester

Sizes: S – 3XL

Approved to Rail Specification:

RIS 3279-TOM;
EN ISO 20471 - Class 3



HI-VIS CUT-TO-FIT® CARGO TROUSERS

Code: HVT01

Features & Benefits

- Cut-To-Fit® leg adjustment system
- Back and hip pockets
- Cargo pockets with velcro closures
- Tape and garment are industrial launderable

Colours: Orange

Fabrics: 280g polycotton

Sizes: 30-46" waist

Approved to Rail Specification:

RIS 3279-TOM;
EN ISO 20471 - Class 3



FEATURES  CUT TO FIT LEG LENGTH ADJUSTMENT

HI-VIS ORANGE OVERTROUSERS

Code: HV10

Features & Benefits

- Coated polyester with 50mm reflective tape
- 2 side pockets
- Zipped ankle flap with storm flap cover
- Elasticated waist with toggle adjustment

Colours: Orange

Fabrics: Made from 300D PU

Sizes: S-4XL

Approved to Rail Specification:

RIS 3279-TOM;
EN ISO 20471 - Class 3
EN 343:2003 + A1:2007 Class 3:1



NETWORK RAIL RUCKSACK - SOFT BASE

Code: OTS-05

Features & Benefits

- Patented Rip-Clip™ release system. It allows the rucksack to be safely released from the wearer with a pull of the chest strap.
- Water-resistant material, storm flaps on zips

- 50mm reflective tape to EN ISO 20471 (encapsulated for foul weather conditions)
- Easy-Grip moulded carry handle
- Textured PVC base to prevent water ingress
- Elongated zip pulls
- Internal storage compartments and key hook
- Internal rip-stop padded laptop pouch
- Zipped side pockets
- MP3 slot
- Operators guide
- Network Rail Approved

- Materials approved to Rail Specification

Colours: Orange

Fabrics: 600D polyester, water-resistant

Sizes: One size, 25 litre capacity

Orange



HIGH-VISIBILITY WORKWEAR

HI-VIS SHORT SLEEVE POLO

Code: HVS01-PSS

Features & Benefits

- 50mm reflective tape
- Highlighted grey collar and arm cuffs

Colours: Orange

Fabrics: 180g/m² birdseye polyester

Sizes: S – 3XL

Approved to Rail Specification:

RIS 3279-TOM; EN ISO 20471 - Class 2



HVC-30 THERMAL WATERPROOF COVERALL - THE BEAR

Code: HVC-30

Features & Benefits

- 50mm reflective tape
- Front - 2 way heavy-duty YKK brass zipper fastening with brass poppers
- Two side pockets with two vertical opening design
- Two covered back pockets
- Covered arm pocket
- Cuffs with brass poppers
- Industrial launderable
- YKK Zipped leg openings to enable ease of access to boots with storm flap
- Optional hood with quick release popper

Colours: Orange

Fabrics: 300D PU, waterproof and breathable

Sizes: Small - 4XL

Approved to Rail Specification:

RIS 3279-TOM;
EN ISO 20471 - Class 3;
EN 343:2003 + A1:2007 Class 3:1



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. See page 8 for more details.



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

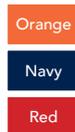
- 50mm Fire Retardant reflective tape, industrial launderable
- Front - 2 way heavy-duty YKK brass zipper fastening
- Covered chest pockets, YKK brass zippers
- Two side pockets with two vertical opening design
- Back pockets with flap, arm pocket with flap
- Cuffs with internal brass poppers
- Fire 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/m²



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



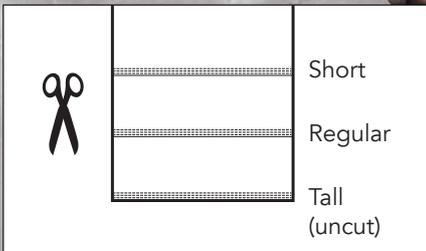
LEG LENGTH ADJUSTMENT

CUT-TO-FIT[®] ADJUSTMENT SYSTEM EXPLAINED

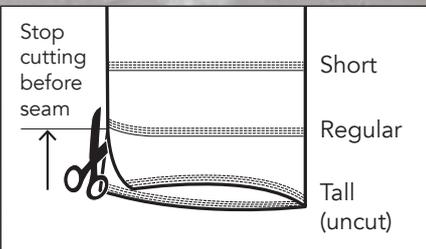


HOW IT WORKS

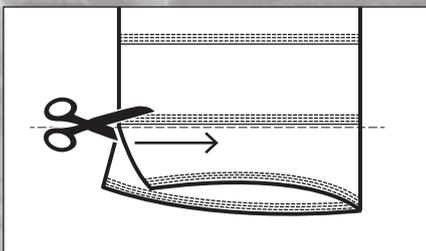
1. Select the desired length



2. Cut vertically first



3. Then cut across horizontally



4. Repeat on other side

Important! Please always refer to the instructions sheet that comes with the product for cutting method.

This patented design is the result of extensive research and product development tried and tested in demanding environments around the world. Off the shelf it is currently available in 3 styles: straight leg, cargo style and ripstop in both navy and khaki, hi-vis cargo and coveralls. We can also make these to order for your specific application - minimum order quantities apply.

“FEATURING A PATENTED INNOVATION, OUR RUGGED LODEWORK TROUSERS ARE ALL MANUFACTURED WITH THREE PRE-HEMMED LEG LENGTHS AS STANDARD. THEY CAN THEN BE EASILY ADJUSTED BY CUTTING TO THE REQUIRED LEG LENGTH.”

● **SHORT** (CUT BELOW UPPER SEAM)

● **REGULAR** (CUT BELOW CENTRE SEAM)

● **TALL** (LEAVE UNCUT AS SUPPLIED)

STOCK CUT-TO-FIT® WORKWEAR RANGE



LIGHTWEIGHT VENTED CARGO

Code: MISF-1

Features & Benefits

- Cut-To-Fit® leg length adjustment
- Detachable tool pocket
- Multi pockets
- Double button waist adjustment
- Vented throughout for warm conditions
- 3M reflective tape. Triple stitch needle finish - strong seams for durability
- Crutch re-enforcement panel
- Heavy duty and extensive bar tacking through all hard-wearing areas
- Pre-shrunk and industrial launderable

Fabrics: 100% Cotton Drill 185g

Sizes: Waist - 28-40"
Leg length - adjustable

Colours: Navy



TRADESMAN RIPSTOP TROUSER

Code: MW-2011N

Features & Benefits

- Cut-To-Fit® leg length adjustment
- Hip pockets
- Printed waist band
- Pre-shrunk
- Industrial launderable

Fabrics: 240g, 65% polyester, 35% Rip-Stop cotton twill

Sizes: Waist - 28-40"
Leg length - adjustable

Colours: Navy



STRAIGHT LEG TROUSER

Code: MW-YP-N
MW-YP-K

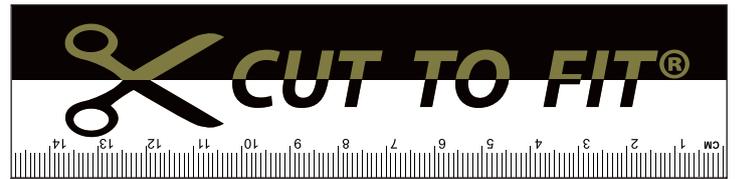
Features & Benefits

- Cut-To-Fit® leg length adjustment
- Padded knee
- Enclosed back pockets
- Cargo pockets
- Zipped air-vents
- Hip pockets
- Printed waist band
- Pre-shrunk
- Industrial launderable

Fabrics: 240g, 65% polyester, 35% cotton

Sizes: Waist - 28-40"
Leg length - adjustable

Colours: Navy, Khaki



The unique Cut-To-Fit® design features on our hi-vis cargo and our technical coveralls and allows wearers to adjust the length of the trouser to 3 lengths:

SHORT
29"/74cm
(cut at top seam)

REGULAR
31"/78cm
(cut at middle seam)

TALL
33"/84cm
(uncut as supplied)

This trouser has been designed and tested by industry experts to maintain and exceed the highest levels of safety without compromising comfort.



SHORT
REGULAR
TALL

RIP-CLIP™ QUICK RELEASE SYSTEM

HI-VIS RIP-CLIP™ RUCKSACK

Code: OTS-05

Features & Benefits

- Patented Rip-Clip™ release system. It allows the rucksack to be safely released from the wearer with a pull of the chest strap
- Water-resistant material, storm flaps on zips
- 50mm reflective tape to EN20471 (encapsulated for foul weather conditions)
- Easy grip moulded carry handle
- Textured PVC base to prevent water ingress
- Elongated zip pulls
- Internal storage compartments and key hook
- Internal rip-stop padded laptop pouch
- Zipped side pockets
- MP3 slot
- Operators Guide

Colours: Orange

Fabrics: 600D polyester, water-resistant

Sizes: One size, 25 litre capacity

Materials approved to Rail Specification:
RIS 3279-TOM; EN ISO 20471



- Material only



Orange



HI-VIS RIP-CLIP™ FIELD BACKPACK

Code: OTS-04

Features & Benefits

- Patented Rip-Clip™ release system. It allows the rucksack to be safely released from the wearer with a pull of the chest strap
- Easy grip moulded carry handle
- 50mm reflective tape to EN20471 (encapsulated for foul weather conditions)
- Water resistant material, storm flaps on zips
- Textured PVC Base to prevent water ingress
- Elongated zip pulls
- Internal rip-stop padded laptop pouch
- Internal storage compartment and key hook
- 2 x zipped side pockets
- Padded back panel (3-D spacer material)
- Zipped base compartment for soiled kit
- Storage pocket on lid

Colours: Orange

Fabrics: 600D polyester, water-resistant

Sizes: One size, 45 litre capacity

Materials approved to Rail Specification:
RIS 3279-TOM; EN ISO 20471



- Material only



Orange



HI-VIS RIP-CLIP™ RUCKSACK - HARD BASE

Code: OTS-02 HBO

Features & Benefits

- Patented Rip-Clip™ release system. It allows the rucksack to be safely released from the wearer with a pull of the chest strap
- Water-resistant material, storm flaps on zips
- 50mm reflective tape to EN20471 (encapsulated for foul weather conditions)
- Easy grip moulded carry handle
- Moulded foam base to prevent water ingress
- Elongated zip pulls
- Internal storage compartments and key hook
- Internal rip-stop padded laptop pouch
- Zipped side pockets
- MP3 slot
- Operators Guide

Colours: Orange

Fabrics: 600D polyester, water-resistant

Sizes: One size, 35 litre capacity

Materials approved to Rail Specification:
GO/RT RIS 3279-TOM; EN ISO 20471



- Material only



Orange



RIP-CLIP™ RUCKSACK QUICK RELEASE SYSTEM

“OUR RIP-CLIP™ QUICK RELEASE RUCKSACK IS THE ONLY NETWORK RAIL APPROVED BACKPACK FOR TRACKSIDE USE IN THE UK.”

Easy grip moulded carry handle

Hi-vis 600D Rail Specification material

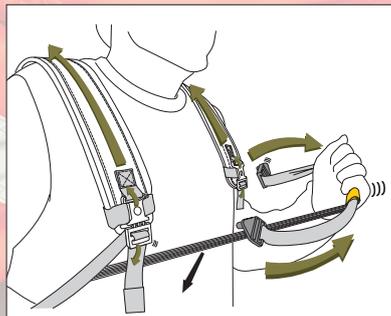
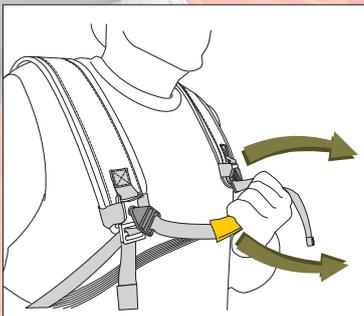
Rip-Clip™ quick release

Chest strap and grip cover

Rail Specification encapsulated reflective tape for low level light



HOW RIP-CLIP™ WORKS



In an emergency, grab the Orange Grip Cover and pull the Strap away from the chest with a firm movement.

The locking pin will detach, and the rucksack will be released and fall safely down the back allowing the rucksack to fall from the back.

Reassembling the mechanism after release is easy and full instructions on how to do assemble and release are supplied with each rucksack.

Full assembly instructions provided.

BAGS - HI-VIS AND STANDARD RANGE



HARD-BASE BLACK HOLDALL, 70L

Code: OTS-03-HBBK

Features & Benefits

- Hard wearing holdall with formed waterproof base and heavy duty zips
- 50mm reflective hi-vis tape
- Dry zipped base compartment to hold boots or wet gear
- 50mm webbing with PVC-coated grab handle and shoulder strap
- Large side pocket.

Colours: Black

Fabrics: Teflon-coated polyester

Sizes: 70 litres, L69cm x W32cm x H36cm

Black



HI-VIS ORANGE KIT, 52L

Code: OTS-10

Features & Benefits

- 600D PU-coated holdall with PVC waterproof base and heavy duty zips
- 50mm reflective hi-vis tape
- Fully lined with rip-stop material and padded sides and lid
- 50mm webbing with PVC-coated grab handle and shoulder strap
- Large side pocket

Colours: Hi-vis Orange

Fabrics: Teflon-coated polyester

Sizes: 52 litres, L70cm x W25cm x H30cm

Materials approved to Rail Specification: RIS-3279-TOM; EN ISO 20471



- Material only



Orange



18" PVC HOLDALL, 45L

Code: OTS-07

Features & Benefits

- Large main compartment and zipped pocket on front for paperwork and smaller items.
- Transparent ID pocket on front.
- Heavy-duty reinforced carrying handles with velcro wrap handle.
- Double lockable zip.
- Adjustable shoulder strap (fixed).

Colours: Black, red and royal blue

Fabrics: waterproof, reinforced PVC

Sizes: 45 litres, L45cm x W30cm x H33cm



Black

Red

Navy



24" PVC HOLDALL, 60L

Code: OTS-08

Features & Benefits

- Large main compartment and zipped pocket on front for paperwork and smaller items.
- Transparent ID pocket on front.
- Heavy-duty reinforced carrying handles with velcro wrap handle.
- Double lockable zip.
- Adjustable shoulder strap (fixed).

Colours: Black, red and royal blue

Fabrics: waterproof, reinforced PVC

Sizes: 60 litres, L60cm x W30cm x H33cm



Black

Red

Navy

OFF-THE-SHELF POUCHES & TOOL BELTS



TOOL POUCH, LARGE

Code: OTS-17-TPL

Features & Benefits

- Handy tool pouch designed to carry multiple hand tools. Made with rugged 1000D ballistic polyester

Colours: Black with green trim

Fabrics: 1000D ballistic polyester

Sizes: W23cm x H30cm

Black



TOOL POUCH, SMALL

Code: OTS-17-TPS

Features & Benefits

- Handy multi-pocket tool pouch complete with tape bracket and lanyard. Made with rugged 1000D ballistic polyester

Colours: Black with green trim

Fabrics: 1000D ballistic polyester

Sizes: W15 x H23cm

Black



TOOL INSERT

Code: OTS-17-TI

Features & Benefits

- Handy tool insert designed to fit in standard LODEWORK rucksacks, and with its clever fold-out inner, permits the unit to free stand on flat surfaces allowing easy access to tools. Made with rugged 1000D ballistic polyester.

Colours: Black with green trim

Fabrics: 1000D ballistic polyester

Sizes: W29 x H28 x D9cm folded

W29 x H28 x D19cm open/standing

Black



TOOL BELT

Code: OTS-17-TB/OTS-17-TBL

Features & Benefits

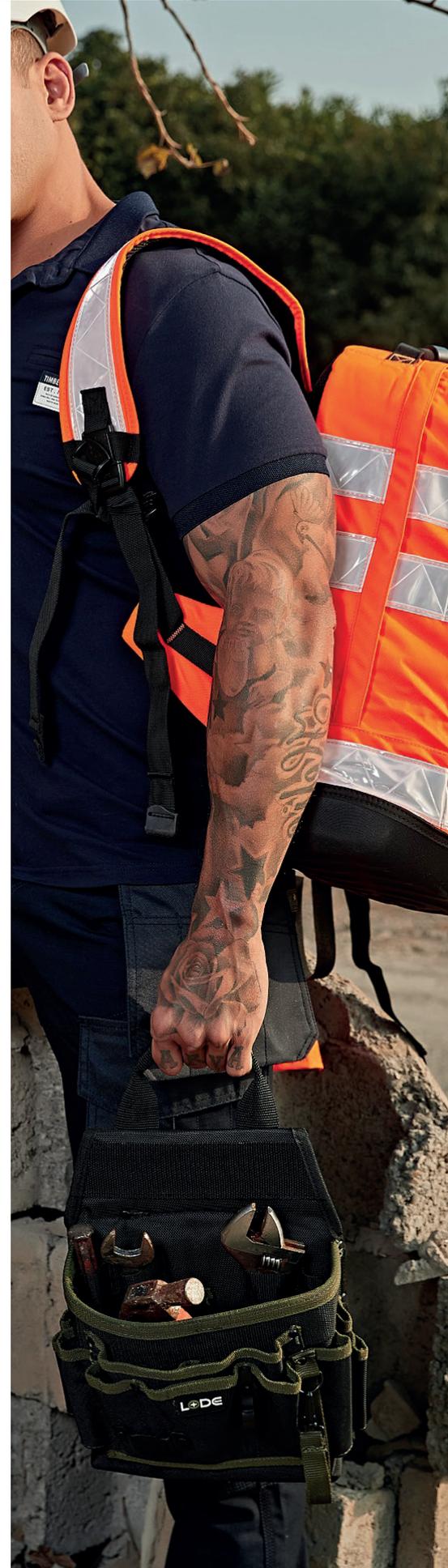
- High quality ruggedised adjustable large tool belt
- Cushioned waist pad
- 50mm wide dual eyelet belt loop and steel buckle.
- Cushioned waist band is in 2 adjustable sections for maximum comfort.

Colours: Black

Fabrics: 1000D ballistic polyester

Sizes: Fits 28-46" or 32-48" waists

Black



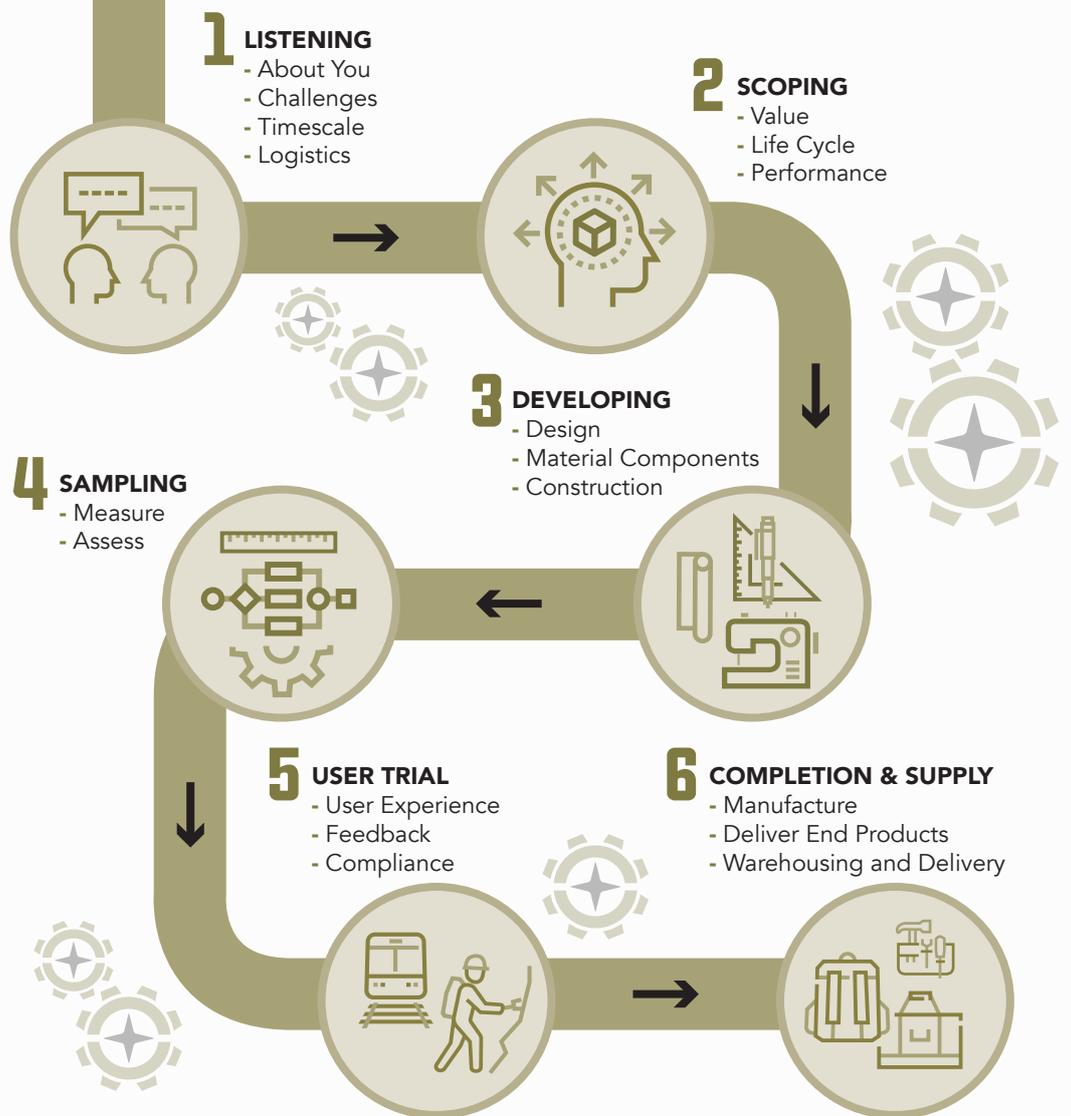
BESPOKE CARRYING SYSTEMS



Specialist and technical equipment often need more than a standard bag, rucksack or similar.

Contents may have high value, be fragile and need protection from threats such as the elements and shock or have particular properties such as high visibility, IRR, camouflage or anti-static. Lode offers over 40 years' experience in building specific protection and performance for your needs.

Our process is a simple sequence of steps culminating in delivering a solution to meet your needs using the best design practice, latest techniques, moulding and stitching to deliver satisfaction for you and your end-users.



SECTOR INNOVATIONS

Development of innovation is in our DNA and we are always seeking solutions where we see a problem. We have developed and introduced solutions like the Rip-Clip™ quick release system for rail and construction, and Cut-To-Fit® leg length adjustment for workwear trousers and coveralls.

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 20471

HIGH VISIBILITY OVERVIEW

This addresses requirements for areas and situations where hi-vis garments are required. There are three classes with Class 3 as the highest.

Class 3 - typically hi-vis upper body and full sleeved tops

Class 2 - typically short / no sleeve garments and part hi-vis items

Class 1 - lowest level: typically, partially hi-vis garments

Configuration, size and performance levels of the materials are all detailed in the standard.



RIS 3279-TOM

HIGH VISIBILITY - RAIL STANDARD OVERVIEW

This UK standard sets requirements for hi-vis clothing worn trackside or nearby. It offers protection over and above EN ISO 20471 standard in terms of fluorescence and fade resistance to UV light. It has now replaced GO/RT 3279 Issue 8 standard.



EN 343

RAIN PROTECTION & BREATHABLE PROPERTIES OVERVIEW

This offers user information about waterproof and breathability levels of garments based upon defined tests. Which levels to use comes down to working environment, physical activity and weather. Level 3 is the highest level.

Class 3:3 - level 3 water penetration resistance; level 3 water vapour resistance (breathability)

Class 3:2 - level 3 medium water penetration resistance; level 2 water vapour resistance

Class 3:1 - level 3 resistance to water penetration; level 1 water vapour resistance

Performance classes are shown in the pictogram with water resistance uppermost.



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.

Easy guide symbols used in this brochure:



Waterproof



Showerproof



Thermal



Windproof



Breathable

NOTE: these are not official industry symbols just a quick reference guide.

SIZE GUIDES

CUT-TO-FIT® COVERALLS

CHEST SIZE inches	36	38	40	42	44	46	48	50	52	54	56	58	60
To fit CHEST SIZE 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 CHEST SIZE 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

HVC-30 THERMAL WATERPROOF COVERALL - THE BEAR

Size	Small	Medium	Large	X-Large	XX-Large	XXX-Large
To fit CHEST SIZE inches	33 - 36	36 - 39	39 - 43	43 - 46	46 - 49	49 - 52
To fit CHEST SIZE cm	84 - 92	92 - 100	100 - 108	108 - 116	116 - 124	124 - 132

ALL TROUSERS

WAIST SIZE inches	30	32	34	36	38	40	42	44	46
WAIST SIZE cm	75	80	86	92	97	102	107	112	117

OVERTROUSERS

Size	Small	Medium	Large	X-Large	XX-Large	XXX-Large	XXXX-Large
To fit WAIST SIZE inches	29 - 33	33 - 37	37 - 41	41 - 45	45 - 49	49 - 53	53 - 57
To fit WAIST SIZE cm	74 - 84	84 - 94	94 - 104	104 - 114c	114 - 124	124 - 134	134 - 145

POLO SHIRTS

Size	Small	Medium	Large	X-Large	XX-Large	XXX-Large
To fit CHEST SIZE inches	33 - 36	36 - 39	39 - 43	43 - 46	46 - 49	49 - 52
To fit CHEST SIZE cm	84 - 92	92 - 100	100 - 108	108 - 116	116 - 124	124 - 132

SOFT SHELL JACKET

Size	X-Small	Small	Medium	Large	X-Large	XX-Large	XXX-Large
To fit CHEST SIZE inches	30 - 33	33 - 36	36 - 39	39 - 43	43 - 46	46 - 49	49 - 52
To fit CHEST SIZE cm	76 - 84	84 - 92	92 - 100	100 - 108	108 - 116	116 - 124	124 - 132



FULL PRODUCT LISTING

HI-VISIBILITY WORKWEAR					
Product Code	Product Name	Colour Options	Standards	Sizes	Order Quantity
HVC10	Hi-Vis Soft Shell Jacket	Hi-vis Orange	Rail Specification RIS 3279-TOM	Chest S-3XL	10 pieces mixed sizes
HVS01-PLS	Hi-Vis Long Sleeve Polo Shirt	Hi-vis Orange	Rail Specification RIS 3279-TOM / EN ISO 20471	Chest S-3XL	10 pieces mixed sizes
HVS01-PSS	Hi-Vis Short Sleeve Polo Shirt	Hi-vis Orange	Rail Specification RIS 3279-TOM / EN ISO 20471	Chest S-3XL	10 pieces mixed sizes
HVT01	Hi-Vis Cut-To-Fit ® Cargo Trousers	Hi-vis Orange	Rail Specification RIS 3279-TOM / EN ISO 20471	Waist 30-46"	10 pieces mixed sizes
HV10	Hi-Vis Orange Overtrousers	Hi-vis Orange	Rail Specification RIS 3279-TOM / EN ISO 20471 / EN 343:2003 + A1:2007 Class 3:1	S-4XL	10 pieces mixed sizes
HVC-30	HVC-30 Thermal Waterproof Coverall - The Bear	Hi-vis Orange	Rail Specification RIS 3279-TOM / EN ISO 20471 / EN 343:2003 + A1:2007 Class 3:1	S-3XL	10 pieces mixed sizes
TECHNICAL COVERALLS WITH CUT-TO-FIT® LEG ADJUSTMENT					
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
WORKWEAR WITH CUT-TO-FIT® LEG ADJUSTMENT					
Product Code	Product Name	Colour Options	Standards	Sizes	Order Quantity
MISF-1	Lightweight Vented Cargo Trouser	Navy	n/a	Waist 30-46"	10 pieces mixed sizes
MW-YP-N / MW-YP-K	Straight Leg Trouser	Navy, Khaki	n/a	Waist 30-46"	10 pieces mixed sizes
MW-2011N	Ripstop Tradesman Trouser	Navy	n/a	Waist 30-46"	10 pieces mixed sizes
RIP-CLIP™ QUICK RELEASE SYSTEM RUCKSACKS					
Product Code	Product Name	Colour Options	Standards	Sizes	Order Quantity
OTS-05	Hi-Vis Rip-Clip™ Rucksack - Network Rail Approved	Hi-Vis Orange	Materials used meet Rail Specification RIS 3279-TOM / EN ISO 20471	25 litres	10
OTS-02 HBO	Hi-Vis Rip-Clip™ Rucksack - Hard Base	Hi-Vis Orange	Materials used meet Rail Specification RIS 3279-TOM / EN ISO 20471	35 litres	10
OTS-04	Hi-Vis Rip-Clip™ Field Backpack	Hi-Vis Orange	Materials used meet Rail Specification RIS 3279-TOM / EN ISO 20471	45 litres	10
HOLDALLS					
Product Code	Product Name	Colour Options	Standards	Sizes	Order Quantity
OTS-03-HBBK	Hard-Base Black Holdall, 70L	Black	n/a	70 litres	5
OTS-10	Hi-Vis Orange Kit Bag, 52L	Hi-vis Orange	Materials used meet Rail Specification RIS 3279-TOM / EN ISO 20471	52 litres	10
OTS-07	18" PVC Holdall, 45L	Black, Red, Royal Blue	n/a	45 litres	10
OTS-08	24" PVC Holdall, 60L	Black, Red, Royal Blue	n/a	60 litres	10
TOOL POUCHES & BELTS					
Product Code	Product Name	Colour Options	Standards	Sizes	Order Quantity
OTS-17-TPL	Tool Pouch, Large	Black + Green Trim	n/a	Large	10
OTS-17-TPS	Tool Pouch, Small	Black + Green Trim	n/a	Small	10
OTS-17-TI	Tool Insert	Black + Green Trim	n/a	n/a	10
OTS-17-TB	Tool Belt	Black	n/a	28-46" waist	10
OTS-17-TBL	Tool Belt	Black	n/a	32-48" waist	10

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.

PREFERRED SUPPLIERS AND END USERS

LODE EAST



COATING APPLICATIONS



LODE **WORK**
MAKING THE DIFFERENCE

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

T: +44 (0)1628 623843
E: SALES@LODE.GROUP
W: WWW.LODE.GROUP | WWW.LODEWORK.GROUP

**LODE GROUP LIMITED, 70 ST. MARK'S ROAD,
MAIDENHEAD, SL6 6DW, UNITED KINGDOM.**

LODE and LODEWORK are registered trade marks of Lode Group Ltd. © Copyright 2021. All rights reserved.

LODE **WORK**

LODE
CREATE + CARRY + PROTECT