PROTECTION
WHATEVER
THE WEATHER

NEW DRY SHELL TECHNOLOGY
KEEPING YOU DRY & COMFORTABLE

BALLYCLARE
We are Ballyclare - leading supplier of industrial workwear that's trusted to do the job worldwide... wherever complete comfort and reliable protection are critical.

Our DryShell range is specifically designed to offer outstanding comfort through long, hard-working days in tough outdoor conditions.

We have used all our years of practical experience and on-site understanding to make the most of the very latest technology and materials; creating an exclusive collection which performs best when the weather's at its worst.

It's a superbly practical, long-life range which is supported by a service covering everything from initial distribution, through to laundry and maintenance. Although we never compromise on wearer comfort, you always have the reassurance of knowing our foul weather workwear more than meets all the necessary safety standards.

INNOVATION IN FOUL WEATHER PROTECTION

EXPECT THE BEST

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Please see our website for the complete range: www.ballyclarelimited.com
Tel: +44 (0)844 493 2808   Fax: +44 (0)844 493 2801
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This is fit-for-purpose hi-vis; specifically designed to be worn all through the working week... offering ultimate comfort, maximum flexibility and optimum protection. Each garment is as user-friendly as it is foul-weather-ready.

Protection has also been taken up a notch – there is a high scalloped collar which can be safely tucked into a hard hat.

Increased and improved protection from the elements given to the lower back.

These tests have been passed with flying colours – meaning the DryShell range is approved to GO/RT 3279 issue 8, BS EN (EN 20471:2013, BS EN (20471:2013, A1:2015 Class 3) and it meets all the requirements of BS EN ISO 13688:2013.
THE SCIENCE OF STAYING COMFORTABLE.

DRY SHELL MEMBRANE TECHNOLOGY EXPLAINED...

Over the years, we have worked with some of the world’s most innovative textile companies to help develop clever, breathable fabrics.

Now the time is right to launch our own; a truly effective but more economical choice, delivering superior performance and longevity durability.

These new garments use either a two- or three-layer DryShell membrane technology, with the two-layer generally used for jackets, the three-layer, typically tougher, for overtrousers.

Each offers real comfort; able to withstand everything the weather can throw at them – wind, sleet and snow – all the time allowing the wearer to breathe freely.

DryShell’s robust strength also means its waterproof integrity is retained even after repeated washes.

MICROPOROUS MEMBRANE

Microporous membranes are hydrophobic (water hating) and resist the passage of water, even under high pressure.

They are based on a polyurethane chemistry and are constructed from many small interconnected pores less than one micron in diameter.

HYDROPHILIC MEMBRANE

Hydrophilic membranes have a solid structure that physically stops water passing through the membrane. They breathe by absorbing and dissipating sweat through the diffusion of water vapor molecules.

HYDROPHOBIC WATERPROOF OUTER LAYER

WINDPROOF

WATERPROOF

BREATHABLE MEMBRANE LAYER

Keeps wearer warm and dry by allowing moisture to escape from the body whilst keeping wind out.

SWEAT ESCAPES

DRY SHELL LINER FABRIC

Promotes long-life durability.

Hydrophilic membranes have a solid structure that physically stops water passing through the membrane. They breathe by absorbing and dissipating sweat through the diffusion of water vapor molecules.

Microporous membranes are hydrophobic (water hating) and resist the passage of water, even under high pressure.

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Hydrophilic membranes have a solid structure that physically stops water passing through the membrane. They breathe by absorbing and dissipating sweat through the diffusion of water vapor molecules.
HV130

DRYSHELL
HI-VIS LONG LENGTH JACKET

A VISIBLE IMPROVEMENT

Made to beat the elements and keep the wearer 100% comfortable and ready for work.

APPROVED TO EN 20471:2013 & BS EN ISO 13688:2013

IN DETAIL

Robust, maximum high-visibility orange background, front-layer fabric with heat applied 50mm reflective taping

Two deep, angled hip pockets – storm-flapped for waterprooﬁness – offering more access and maximum storage, chest pocket for your mobile phone beneath a double storm ﬂap, large internal pouch pocket with zip for tablets and mini tablets, internal personal pocket with room for wallet, keys and a mobile pocket on left sleeve

Double storm ﬂap from fastening to give maximum protection with a two-way zip, seam sealed to provide full waterprooﬁness

High seamed collar in back to hide hat, chin guard and rear ﬁght to offer increased protection of the lower back against the elements

Flat-knit internal cuffs with an adjustable Velcro strap for easy wearer customisation

Wear with HV131 DryShell Over Trousers with braces (page 10) for full protection from the elements

Washable at 40°C as well as being industrially launderable

SIZE
XS  S  M  L  XL  2XL  3XL  4XL

COLOUR
Orange, Yellow

A VISIBLE IMPROVEMENT
APPROVED TO
MEETS REQUIREMENTS OF BS EN ISO 13688:2013
HV131

DRYSHELL HI-VIS OVER TROUSERS WITH BRACES

TOUGH ENOUGH TO OFFER A LONGER WORKING LIFE

New, and featuring exclusive three-layer DryShell technology. Durable enough to be the long-lasting economical choice…and comfortable enough to be worn for a full shift without over-heating. Featuring fully adjustable, super-secure braces which are uniquely designed to help offer a natural, relaxed fit whatever position you’re working in.

APPROVED TO GO/RT 3279 issue 8, BS EN ISO 20471:2013, BS EN 343:2003 + A1:2007 Class 3
MEETS REQUIREMENTS OF BS EN ISO 13688:2013

IN DETAIL
Robust, maximum high-visibility orange background, three-layer fabric with heat-applied 50mm reflective taping

One high-bellowed pocket, two side-access pockets, zip by side/bellow overlap for convenience

Seam sealed to provide full waterresistance, while zip to make putting on/taking off easier, three-layer material to provide extra durability

Over-the-shoulder straps, adjustable waist sections for improved security, higher back to add support and increase protection from the elements

Designed to reduce movement restrictions and reduce strain at crotch area stress points

Wear with HV130 Hi-Vis Long Length Jacket (page 8) or HV132 Hi-Vis Bomber Jacket (page 12) for full protection from the elements

Washable at 40°C as well as being industrially laudnery

SIZE XS  S  M  L  XL  2XL  3XL  4XL
LEG LENGTH Short 74cm (29”) Reg 79cm (31”) Tall 84cm (33”) X Tall 89cm (35”)
COLOUR Orange, Yellow

DRYSHELL HI-VIS OVER TROUSERS WITH BRACES

DRYSHELL

SAFETY IN EVERY STITCH | DRYSHELL

Tel: +44 (0)844 493 2808 Fax: +44 (0)844 493 2801 Email: info@ballyclarelimited.com www.ballyclarelimited.com
HV132
DRYSHELL BOMBER JACKET

A WORKWEAR ESSENTIAL REDEFINED

This is the universal hi-vis jacket given a unique 21st century rework thanks to new DryShell technology – exclusive to Ballyclare. As expected, it combines excellent waterproof protection with the very highest levels of comfort and breathability.

There’s outstanding attention to detail too; like the flat-knit internal cuffs which adjust naturally to form a snug fit and stop water running down the sleeve when working overhead.

APPROVED TO
- GO/RT 3279 issue 8, BS EN ISO 13688:2013
IN DETAIL
Robust, maximum high-visibility orange background, three-layer fabric with heat applied 50mm reflective taping

Two deep, vertical hip pockets for easy access and maximum storage, internal mobile phone pocket and sleeve pocket

Flat-knit internal cuffs with an adjustable Velcro strap for easy wear and customisation

Seam sealed to provide full waterproofness, high-welplihed collar to block into hard hat, chin guard and rear fishtail to increase the protection of the lower back from the elements

Wear with HV131 Hi-Vis Over Trousers with Braces (page 10) for full protection from the elements

Washable at 40°C as well as being industrially launderable

SIZE
XS  S  M  L  XL  2XL  3XL  4XL

COLOUR
Orange
HV133

DRYSHELL HI-VIS QUILTED BOILER SUIT

TECHNICALLY SUPERIOR. COMFORTABLY BETTER.

A proven performer – and now designed to be even better... so work can continue even in the foulest conditions. Uses new, exclusive DryShell technology to provide complete water and windproof protection – plus excellent standards of comfort and breathability to make it easy to wear hour-after-hour, all shift long.

APPROVED TO
MEETS REQUIREMENTS OF
BS EN ISO 13688:2013

FEATURES

- Robust, maximum high-visibility orange background, two-layer fabric with heat-applied 50mm reflective taping
- Fully lined with quilted/polyester lining
- Patch front pockets with Velcro fastening flaps, two front pockets with flaps and mobile pocket on right sleeve
- Seam sealed to provide full waterproofness, two way zip with storm guard and mobile pocket on right sleeve to tuck into hard hat and chin guard
- Back elasticated waist and elasticated internal cuff with Velcro closure
- Zipped and elasticated with Velcro closure
- Washable at 40°C as well as being industrially launderable

TECHNICALLY SUPERIOR.
COMFORTABLY BETTER.

SIZE
XS  S  M  L  XL  2XL  3XL  4XL
LEG LENGTH
Reg 79cm (31")  Tall 84cm (33")
COLOUR
Orange

Drab, affordable hi-vis quilted boiler suit

Easy access chest pocket
Patch front pockets
Elasticated internal cuff

DryShell
Hi-Vis Quilted Boiler Suit
HV133
CARE THE COMPLETE SERVICE

Caring for your garments

Care and cleaning of high visibility garments is essential to ensure they continue to perform to high visibility properties and remain conformant to the EN20471 high visibility standard. Laundry companies have developed a fully integrated cleaning process that does not harm any of the components of high visibility clothing.

Working with a Laundry Partner

High visibility garments can be cleaned, repaired and refurbished by a laundry company. Garments are barcoded and each wearer is given a unique identity that allows a laundry partner to monitor the number of times a garment has been cleaned or repaired. Every time a garment is laundered it is manually inspected and if needed, replaced or repaired. Prior to dispatching, garments are once again manually checked, folded and packaged to ensure they are returned ready to be worn.

Be seen, be safe

Workwear that is left unclean is unsafe, uneconomical and most certainly unlawful. Care and cleaning of your garment will ensure you stay safe, clean and legal. To be conformant to EN20471, a garment must have a specified amount of visible background fabric and reflective tape. A garment that is heavily soiled will have a vastly reduced amount of reflective fabric and tape that can be clearly seen. As a result the garment is no longer conformant to EN20471.

Managed service

Our managed service covers all aspects of testing, sizing, fitting and supplying personal with the correct garments. Throughout the service life of each garment we take care of its laundry, maintenance and repair so the garment remains fit for purpose and is safe to wear.

1. Specification

Agreeing a complete specification in the first stage and only happens after in-depth consultation with each client. Ballyclare then sources materials to specification and conducts field tests to determine fitness for purpose.

2. Manufacture

Safety in extreme conditions demands critical quality control procedures and manufacturing disciplines. Ballyclare excels with this requirement.

3. Made-to-Measure

Ballyclare’s managed service is in a class of its own. Each user is individually measured for each item of PPE clothing and equipment. This guarantees a complete fit.

4. Personal Service

For each user Ballyclare creates a personal pack with its in-house team to ensure that each user receives a complete set of fitted services.

5. Warehousing

Ballyclare’s logistical operation includes stores and an off-site storage and distribution in available sizes only.

6. Tracking

Every item in the system is tracked throughout its life to make sure all Health and Safety Directives are followed. By using a barcode system Ballyclare can trace the number of times a garment has been cleaned or repaired. Every item in a garment is barcoded to ensure it is tracked as it is laundered.

7. Laundering

Ballyclare’s managed service also includes the collection and laundering of soiled garments.

8. Inspection

Each item is subjected to a multi-point inspection plan before being assessed as suitable for continued service.

9. Redelivery

After all safety checks and repairs are completed, Ballyclare returns the garments back for use to each individual wearer.

10. Quality Control

Stringent quality control measures are in place to guarantee the long performance and status of items before they leave the manufacturing facility. Ballyclare is fully accredited with Article 16 for the manufacture of complex PPE.

MANAGED SERVICE

OUR MANAGED SERVICE OPTION TAKES CARE OF THE FOLLOWING:

- It ensures all personnel are equipped with garments that are fit-for-purpose at all times.
- It ensures all personnel are equipped with garments that are fit-for-purpose at all times.
STANDARDS ALL OUR PERSONAL PROTECTION EQUIPMENT (PPE) IS APPROVED TO THE REQUISITE NATIONAL AND INTERNATIONAL SAFETY STANDARDS GOVERNING PERFORMANCE AND QUALITY OF MANUFACTURE.

STANDARD DESCRIPTION
BS EN 20471:2013 High visibility warning clothing for professional use – Test methods and requirements.
Go/RT 3279 issue 8 Railway group standard – high visibility clothing.
BS EN ISO 11612:2008 Protective clothing – to protect against heat and flame.
IEC 61482-1 Protection against electric arc – test methods.
IEC 61482-1-1 Protective clothing against the thermal hazards of an electric arc – open arc testing.
IEC 61482-1-2 Protective clothing against the thermal hazards of an electric arc – backflash method.

SIZING
Garment sizing information is provided with each product. Please note that some garments are not available in every size option and that size conversions can differ from garment to garment. The following instructions provide advice on how to take accurate measurements for each part of the body to ensure full protection and a comfortable fit.

OBTAINING YOUR CORRECT MEASUREMENTS
• If you already have high visibility workwear that is comfortable after it has been washed, look in the label to see if the size and fit should be visible.
• Alternatively carefully follow the instructions to the right and ask somebody to measure the key dimensions illustrated.

IT IS IMPORTANT TO NOTE THAT YOU SHOULD ALWAYS TAKE MEASUREMENTS AT THE FULLEST POINT WHILE WEARING THE UNDERGARMENTS THAT YOU WOULD NORMALLY WEAR.

SPECIAL MEASURES
Should standard clothing not fit you, you may require a special measure, in which case please phone us on 0844 493 2808 or email Customer Services (sales@ballyclare.com) and we will arrange an appointment with our national measuring coordinators.

CUSTOMER SERVICES
If you have any queries, or would like to provide any feedback on the service provided by Ballyclare, please log them via the dedicated Customer Service Helpline (0844 493 2808) and we will respond as soon as possible.

ALL OUR PERSONAL PROTECTION EQUIPMENT (PPE) IS APPROVED TO THE REQUISITE NATIONAL AND INTERNATIONAL SAFETY STANDARDS GOVERNING PERFORMANCE AND QUALITY OF MANUFACTURE.
Ballyclare’s administration and sales office is in Stockport and its National Distribution Centre is in Barnsley, South Yorkshire. The latter provides secure warehousing, stockholding, distribution and manufacturing facilities. It is well positioned for easy access to the motorway network, Manchester airport and the national rail network.

The company operates to the highest standards and is accredited to the quality standard BS EN ISO 9001:2008 and the environmental management standard BS EN ISO 14001:2004.

Ballyclare is a Link Up approved manufacturer of safety clothing to the rail industry and is a registered member of the UVDB supplier management community for the UK utilities industry.