

CLYDESDALE

Powering the Future

Live Line Equipment & Accessories



IMPORTANT SAFETY INFORMATION

Clydesdale places the safety of all its customers at the top of our agenda, and we are committed to achieving this within all of the industries that we serve. As a company we have also committed ourselves to providing our customers with the highest possible standards of quality and reliability of Live Line Equipment, and a high level of customer service.

This we aim to achieve by ensuring that all of our staff have the most up-to-date product knowledge and information, delivered to the highest possible standard, along with a high degree of commitment, guaranteeing that these standards are rigorously maintained.

The philosophy of Live Line Working has been in existence for many years, and is a practice adopted not only by Distribution Network Operators (DNO's) within the UK, but throughout the world in countries such as the USA, Canada, Japan and many other countries throughout Europe.

DNO's have carried out Live Working on low voltage apparatus and high voltage equipment using Hot Stick Techniques for many years.

Distribution Network Operator customers, both domestic and commercial, have derived considerable and to some extent immeasurable benefits from Live Working through the avoidance of costly and disruptive interruptions to their supplies.

HV Live Line Tools and Equipment

Tools and equipment shall be kept in a clean and dry condition, and before use they shall be inspected to ensure they are in a suitable condition for use.

If a defect is found or suspected, then it shall not be used.

Before work can begin, a condition assessment of the equipment, including conductors, insulators, and other pole top and line fittings shall be carried out in order to minimise the possibility of failure during the work process.

During the course of HV Live Line Working all apparatus providing a second point of contact within the immediate area shall remain shrouded with exception of the conductor to be worked upon.

Safety

1. Isolation
2. Insulation
3. Protection

Isolation between the linesmen working in close proximity to live HV conductors and earth is provided by means of the insulated aerial device (I.A.D.) The component parts of the IAD: booms, buckets and bucket liners are manufactured from materials of high insulation value. The overall working rating of the I.A.D. should be a minimum of 46kV.

Insulation between the linesmen and HV apparatus is achieved by the application of approved insulation material (cover-up) to all live conductors and earthed metalwork within the working area. The cover-up i.e. line hose, blankets and insulator hoods should be rated to a minimum of 17kV for work on 11kV overhead lines, and a minimum of 36kV for work on 33kV overhead lines.

Protection of the linesmen is given by the wearing of rubber gloves and sleeves (which are rated at 17kV class 2, 26.5kV class 3 and 36kV class 4).



Caution: Live Line working practices should only be carried out by electrical workers who have been thoroughly trained in its correct and safe use. You should consult your own company's Health & Safety and Working Practices & Procedures before commencing any Live Line work.

Standards

P.P.E. and cover up should be tested in accordance with the following standards:

Conforming standards for gloves:	BS EN 60903 ASTM D120
Conforming standards for sleeves:	BS EN 60984 ASTM D1051
Conforming standards for blankets:	ASTM F479/D1048
Conforming standards for line hose:	ASTM F478/D1050
Conforming standards for insulator covers:	ASTM F478/D1049

Class	AC						DC
	Max Working Voltage	Proof Test Voltage	Max Leakage Current mA Glove Length				Proof Test Voltage
			(11")	(14")	(16")	(18")	
0	1 kV	5 kV	12	14	16	N/A	10 kV
1	7.5 kV	10 kV	N/A	16	18	N/A	20 kV
2	17 kV	20 kV	N/A	18	20	N/A	30 kV
3	26.5 kV	30 kV	N/A	N/A	22	24	40 kV
4	36 kV	40 kV	N/A	N/A	24	26	60 kV

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Trust the No.1...

Clydesdale is the leading specialist in overhead line and cable installation equipment, associated tools and personal protective equipment (PPE) for the Electricity and Telecommunication industries.

Expertise...

For many years Clydesdale has been supporting the Electricity and Telecommunication industries worldwide. If you have a job that requires a bespoke solution, utilise our expertise, talk to Clydesdale.

If you have questions or require further information please contact our Customer Services Department on +44 (0)1234 855855 who will be pleased to answer your request.

ISO 9001:2000...

This represents our commitment to quality, not only through our products but also in the service and internal workings of the company.



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Clydesdale Insulating Gloves

Clydesdale Insulating Gloves are available in sizes 7-11, dependant on style and class. Proper fit is important to minimise chafing and fatigue. To determine glove size, measure the circumference around the palm (in inches). Allow for additional room if fabric glove liners are to be worn, especially with thermal liners. Available in a variety of colours, material types and voltage classes Clydesdale Insulating Gloves are extremely flexible and make working with small parts easy. All Clydesdale Insulating Gloves meet or exceed EN 60903 and ASTM D120 standards.

Clydesdale is in an almost unique position of being able to supply Insulating Gloves made from three material types – Latex, Cement Dipped Rubber and EPDM. In a nutshell the advantage of these 3 material types is as follows;

	Cement Dipped	EPDM	Latex
Price	✓	✓✓	✓✓✓
Comfort	✓✓✓	✓✓✓	✓✓
Dexterity	✓✓✓	✓✓✓	✓✓
Ozone Resistance	✓	✓✓✓	✓
2 Colour Option	Yes	Yes	No
Arc Performance	✓✓✓	✓	✓

For “Hot Glove” techniques, cement dipped rubber is the glove of choice as it offers the highest level of user comfort and dexterity.

Part No.	Voltage Class	Length		Material Type	Cuff Style	Colour
CLY 560 14**	0 (1,000V Working)	14"	355mm	I – Latex	Straight	Orange
CLY 561 14**	1 (7,500V Working)	14"	355mm	I – Latex	Straight	Orange
CLY 561 16**	1 (7,500V Working)	16"	405mm	I – Latex	Straight	Orange
CLY 550 11**	0 (1,000V Working)	11"	280mm	I – Cement Dipped Rubber	Straight	Black
CLY 550 14**	0 (1,000V Working)	14"	355mm	I – Cement Dipped Rubber	Straight	Red / Yellow
CLY 551 14**	1 (7,500V Working)	14"	355mm	I – Cement Dipped Rubber	Straight	Black
CLY 551 16**	1 (7,500V Working)	16"	405mm	I – Cement Dipped Rubber	Straight	Black / Red
CLY 552 14**	2 (17,000V Working)	14"	355mm	I – Cement Dipped Rubber	Straight	Black
CLY 552 16**	2 (17,000V Working)	16"	405mm	I – Cement Dipped Rubber	Bell	Yellow / Black
CLY 553 16**	3 (26,500V Working)	16"	405mm	I – Cement Dipped Rubber	Bell	Yellow / Black
CLY 553 18**	3 (26,500V Working)	18"	455mm	I – Cement Dipped Rubber	Bell	Yellow / Black
CLY 554 18**	4 (36,000V Working)	18"	455mm	I – Cement Dipped Rubber	Bell	Red / Black
CLY 550 16**	0 (1,000V Working)	16"	405mm	II – EPDM	Straight	Blue



MEASURE THE
CIRCUMFERENCE
AROUND THE PALM

** Insert suffix for sizing, 08 for size 8, 10 for size 10 etc.

Note: Two Colour gloves, inside colour is first, i.e. Red / Yellow denotes a glove with an inner colour of red and an outer colour of yellow.

Note: To determine glove size, measure the circumference around the palm (in inches).

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Clydesdale Leather Protector Gloves

Leather Protector Gloves should be worn over Insulating Gloves to provide necessary mechanical protection against cuts, abrasions and punctures. Clydesdale Leather Protector Gloves are manufactured from cowhide or goatskin. Goatskin is softer and therefore more flexible whilst cowhide is stronger and more economically priced.

Warning: Never use Leather Protector Gloves on their own for protection against electric shock as serious injury or death could result, always use the correctly specified insulating gloves.

Part No.	Material	Suitable for Insulating Gloves	Length	Description
CLY 555 07451**	Goatskin	Classes 0, 1	13"	Buckle Tie and Hi Vis Cuff
CLY 555 ILPG10**	Goatskin	Classes 0, 1	10"	Elasticated Cuff
CLY 555 ILP3S**	Cowhide	Classes 1, 2, 3, 4	12"	Leather Cuff palmside, Vinyl reverse
CLY 555 ILPG5**	Goatskin	Classes 1, 2, 3, 4	14"	Leather Cuff palmside, Vinyl reverse
CLY 555 156-4**	Cowhide	Classes 1, 2, 3, 4	12"	4" Rubber Cuff
CLY 555 156-6**	Cowhide	Classes 1, 2, 3, 4	14"	6" Rubber Cuff

** Insert suffix for sizing, 08 for size 8, 10 for size 10 etc.

As laid down within the specifications of the EN and ASTM standards, it is essential to ensure the correct distance between the top of the protector glove cuff and the top end of the bead of the insulating glove. The clearance table below details the applicable gap per class of insulating glove.

Glove Class	Distance
0	1/2" / 13mm
1	1" / 26mm
2	2" / 51mm
3	3" / 76mm
4	4" / 102mm

Glove Bags

As recommended within both the EN and ASTM standards, good storage of Insulating Gloves is essential to ensure that their insulating properties are maintained. Folds and creases strain rubber and cause cracking from ozone. Clydesdale Glove Bags are made from heavy duty canvas and feature a D ring for hanging in workplaces or on work harnesses.

NEW Glove and Protector Bags feature two layered pockets in one bag, allowing insulating gloves and protectors to be stored together.

Part No.	Glove Length		Bag Dimensions	Bag Weight
Canvas Glove Bags				
CLY 420 GB-112	11"	280mm	229 x 356mm	0.4kg
CLY 420 GB-114	14"	355mm	229 x 406mm	0.5kg
CLY 420 GB-116	16"	405mm	229 x 457mm	0.6kg
CLY 420 GB-118	18"	455mm	229 x 508mm	0.7kg
Canvas Glove & Protector Bags				
CLY 420 GB-114P	14"	355mm	229 x 406mm	0.5kg
CLY 420 GB-116P	16"	405mm	229 x 457mm	0.6kg
CLY 420 GB-118P	18"	455mm	229 x 508mm	0.7kg



CLY 555 07451



CLY 555 156-6



CLY 555 ILPG10



Protected Gloves



CLY 420 GB-114P



CLY 420 GB-116



CLY 559 64

CLY 559 G-99



CLY 557 D2XLYBEC



Cotton Inner Liners

Cotton Inner Liners should be worn to enhance the comfort of Insulating Gloves. They absorb sweat during the summer and provide warmth during colder times of the year. The Clydesdale Cotton Inner Liner is 100% cotton and is 250mm long (10").

Part No.	Description	Weight
CLY 559 64	Cotton Inner Liner	0.9kg

Glove Inflator

Electrical Insulating Gloves must be inspected before each use. Inspection is simplified by using a portable glove inflator such as the G-99. The G-99 is a simple, easy to use, portable glove inflator. The G-99 provides a quality means of inspecting gloves in the field. The glove is secured to the inflator using a nylon strap, fastened with Velcro, or a rubber 'O' ring.

Inflation is accomplished by pumping the bellows of the inflator.

Part No.	Description	Weight
CLY 559 G-99	Glove Inflator Kit	0.9kg

Rubber Insulating Sleeves

Rubber Insulating Sleeves extend the coverage of the arm from the cuff of Rubber Insulating Gloves to the shoulder, fully protecting these areas from accidental contact with energised conductors and equipment. The sleeves feature a reinforcing fold at the cuff. This fold is preferred over a rolled bead because it adds less bulk to the cuff and fits into the glove easier without pushing. All Clydesdale Sleeves meet the requirements of IEC / EN 60984 as well as ASTM D1051. Clydesdale Sleeves are manufactured using the same techniques as Cement Dipped Rubber Gloves. Porcelain forms are dipped into liquid rubber, dried, trimmed, marked and curved. Every sleeve receives the same quality inspections and electrical testing.

Other colour, class and styles of sleeve are available upon request.

Part No.	Voltage Class	Size	Colour	Cuff Opening	Shoulder Opening
CLY 557 D2-RYBEC	2 (17,000V Working)	Regular	Yellow / Black	140-150mm	670-680mm
CLY 557 D2-LYBEC	2 (17,000V Working)	Large	Yellow / Black	170-180mm	700-710mm
CLY 557 D2XLYBEC	2 (17,000V Working)	X.Large	Yellow / Black	175-185mm	745-785mm
CLY 557 D3-RYBEC	3 (26,500V Working)	Regular	Yellow / Black	140-150mm	670-680mm
CLY 557 D3-LYBEC	3 (26,500V Working)	Large	Yellow / Black	170-180mm	700-710mm
CLY 557 D3XLYBEC	3 (26,500V Working)	X.Large	Yellow / Black	175-185mm	745-785mm

Sleeve Accessories & Bags

Each pair of sleeves will require fixing accessories. A number of optional accessories are featured below. These parts are not supplied with the sleeves.

Part No.	Description	Pack Size	Weight
CLY 557 H-2	Sleeve Harness c/w 4 x B-22 Buttons	Set	0.45kg
CLY 557 B-1	Blanket / Sleeve Button One Piece – Snap Type	Individual Button	0.01kg
CLY 557 B-22	Blanket / Sleeve Button Two Piece – Screw Type	Pack of 4 Buttons	0.04kg
CLY 557 S-1	Pair of Sleeve Straps c/w 4 x B-1 Buttons	Set	0.01kg
CLY 420 T-31	Canvas Sleeve Bag	Each	0.7kg
CLY 420 T-32	Canvas Sleeve Bag w/ Crush Resistant Lining	Each	1.4kg

Glove Dust

Clydesdale Glove Dust is a cooling, frictionless powder that absorbs moisture and perspiration when wearing rubber gloves. Provides extra comfort while preventing gloves from getting sticky. The 6oz. bottle easily fits in a pocket or glove bag.

Part No.	Description	Weight
CLY 559 10-4	Glove Dust 6oz Bottle (Pack of 12)	2.2kg

Sunscreen Wipe

Clydesdale Sunscreen Wipes offer SPF 30 protection in a one time use sachet. The Sunscreen Wipe is non-oily and does the job for at least four hours. Safe for leather and rubber gloves, leaves no residue and no slippery hands.

Part No.	Description	Weight
CLY 559 SS-30	Sunscreen Wipe SPF 30 - Box of 100	2.7kg

Rub Out Cleaner

Rub Out is non petroleum based cleaner that can be used as either a hand cleaner or rubber goods cleaner. The chemical mix of Rub Out is specifically designed so as not to damage rubber goods such as gloves, sleeves, blankets or line hose. Rub Out works by dissolving and removing grease, oil, ink, tar, creosote, paint and more without harming natural rubber or SALCOR® rubber. Cleans with or without water. Contains natural skin conditioners and leaves a fresh citrus scent.

Part No.	Description	Pack Size	Weight (Pack)
CLY 559 1461	Towlette – Single Sachet	Case of 100 Sachets	1.4kg
CLY 559 1460	Towlette	Pack of 60 Towlettes	6.4kg
CLY 559 1451	Gel / Hand Cleaner	16oz Can	0.6kg
CLY 559 14550	Gel / Hand Cleaner	4.5oz Tube	0.2kg

Non Conductive Tape Measure

There are no metal parts within this tape measure. It is not insulated but non-conductive, a huge technical difference, and as such the tape will not hold a current and can therefore be used in all sorts of circumstances. The tape itself is made from the highest quality FRP material, that will not stretch, enabling the tape to last for several years of steady use. Proof tested to 20kV this tape is proving to be an invaluable aid in the utilities industry the world over.

Part No.	Description
CLY 111 001	Non Conductive Tape Measure - 3m



CLY 557 H-2



CLY 557 B-1



CLY 557 B-22



CLY 557 S-1



CLY 420 T-31



CLY 420 T-32



CLY 559 10-4



CLY 559 SS-30



CLY 559 1451



CLY 559 1460



CLY 559 1461



CLY 111 001

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CLY 558 1900-E



CLY 558 1300

Rubber Insulating Blankets

Predominantly used to cover / shroud live or energised conductors or equipment, Clydesdale only supplies Rubber Insulating Blankets manufactured by WH Salisbury the world's leading manufacturer. As such you are guaranteed that Clydesdale Blankets will hold their colour and flexibility, and will maintain physical properties and dielectric strength in the field longer than any other blanket on the market. The Orange Salcor® is manufactured from a well researched blend of prime EPDM, which is naturally resistant to Ozone. Salcor® offers superb flexibility; similar to that of Type I natural rubber.

Solid Style Insulating Blankets are designed to be easily secured in place by using blanket pins or snap buttons. Solid blankets are flexible and feature a reinforced beaded edge and eyelets for added strength and tear resistance.

Slotted Style Insulating Blankets are designed for increased versatility and flexibility in special cover-up situations. Used for covering cross arms with insulators or any place where a wire, pin or projection interferes with proper placement of other cover-up devices.

Part No.	Eyelets	Voltage Class	Size	Weight
Solid Style				
CLY 558 13	28	4	22" x 22" (559 x 559mm)	1.4kg
CLY 558 1000-E	6	4	27" x 36" (686 x 914mm)	2.3kg
CLY 558 900-E	6	4	36" x 36" (914 x 914mm)	3.6kg
CLY 558 1900-E	6	4	46" x 46" (1168 x 1168mm)	5.4kg
Slotted Style				
CLY 558 15	28	4	22" x 22" (559 x 559mm)	1.1kg
CLY 558 1300	28	4	36" x 36" (914 x 914mm)	3.2kg
CLY 558 1800-E	10	4	46" x 46" (1168 x 1168mm)	5.0kg

Blanket Accessories

Blanket Clamp / Peg

In addition to other uses in the utility industry, Blanket Clamp / Pegs can be effectively used to hold Insulating Blankets and rubber cover-up in place. Springs are used for tension while extra holes in the body of the pin are used to grip conductors and prevent line hose from sliding.

Improved! The Clydesdale Blanket Clamp / Peg has now been redesigned to open to a full 5 1/2 inches (140mm), that's wider than any other standard clamp available. To accommodate application using a hot stick, the ends of the peg have been tapered to fit into the end of any brand shotgun stick.

Part No.	Description	Weight
CLY 559 21	Blanket Clamp Nylon Yellow c/w Pin Boots	170g

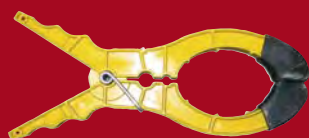
Blanket Storage Canisters & Rolls

Blanket Canisters are molded in bright orange, high impact polyethylene to protect Insulating Blankets when not in use. A tight-fitting cap is secured to the canister with polypropylene rope.

Blanket roll ups constructed from 12oz. water resistant cotton duck canvas provide a safe and convenient means for transporting and protecting blankets. Two heavy duty web straps fasten the roll closed and double as a carrying handle.

STORAGE TIPS: When more than one blanket is stored, the most convenient method of loading is to roll and insert each blanket into the canister independently. A single blanket can then be removed without removing the others. For maximum useful life, never fold, crease or compress insulating blankets while in storage.

Part No.	Description	Size	Capacity	Weight
CLY 420 P-2	Canister	127 x 940 mm	1-2 Blankets	0.9kg
CLY 420 P-3	Canister	152 x 940 mm	1-3 Blankets	1.4kg
CLY 420 P-4	Canister	178 x 940 mm	1-4 Blankets	1.6kg
CLY 420 P-4H	Canister with Handles	178 x 940 mm	1-4 Blankets	1.6kg
CLY 420 36	Roll	1371 x 1168 mm	1-4 Blankets	1.1kg



CLY 559 21



CLY 420 36



CLY 420 P-4H

CLY 420 P-4

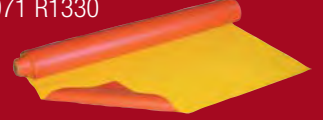


Roll Blankets

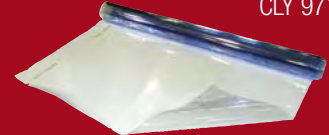
Clydesdale has gone to great lengths to protect workers from low voltage electrical hazards, by now offering insulating blanket material on a roll. Clydesdale's Insulating Roll Blankets, made from a high strength fabric reinforced Type II rubber, allow workers to custom-cut the blanket to fit each application at the job site. This minimises the number of different low voltage blankets sizes and shapes that would otherwise need to be carried from job to job. Meeting ASTM F2320 standards Clydesdale's Roll Blanket series includes a Class 1 (7,500v) Clear PVC material that permits complete visibility, yet provides the necessary insulating properties also meeting ASTM F1742 standards.

All classes of Roll Blankets are easy to cut, and flexible to -40°C. Highly puncture and tear resistant, each class of blanket is also flame (self-extinguishing), oil, and ozone resistant. Each comes in a convenient 36" wide roll, 30 feet in length in unique colours making it easy to identify and highly visible in the work area.

CLY 971 R1330



CLY 971 R1330PVC



Part No.	Eyelets	Voltage Class	Size	Weight
CLY 971 R0330	Yellow	0	3' x 30' (0.9 x 9m)	11.8kg
CLY 971 R1330	Yellow / Orange	1	3' x 30' (0.9 x 9m)	16.4kg
CLY 971 R1330PVC	Transparent	1	3' x 30' (0.9 x 9m)	16.4kg

Velcro Shrouds

Manufactured from the same high strength fabric reinforced Type II rubber, Clydesdale has a range of low voltage insulating blankets that are pre-cut and feature a one inch wide strip of Velcro meaning that covering energised equipment is easier than ever. Velcro blankets can be manufactured to virtually any size, please contact us for further information. The standard sizes are listed below;



Part No.	Colour	Voltage Class	Size	Type
CLY 971 V00636	Yellow	0	6" x 36" (152 x 914mm)	Solid
CLY 971 V00812	Yellow	0	8" x 12" (203 x 305mm)	Solid
CLY 971 V00918	Yellow	0	9" x 18" (229 x 457mm)	Solid
CLY 971 V00918SL	Yellow	0	9" x 18" (229 x 457mm)	Slotted
CLY 971 V01212	Yellow	0	12" x 12" (305 x 305mm)	Solid
CLY 971 V01218	Yellow	0	12" x 18" (305 x 457mm)	Solid
CLY 971 V01218SL	Yellow	0	12" x 18" (305 x 457mm)	Slotted
CLY 971 V01224	Yellow	0	12" x 24" (305 x 710mm)	Solid
CLY 971 V01826SL	Yellow	0	18" x 26" (457 x 660mm)	Slotted
CLY 971 V01836	Yellow	0	18" x 36" (457 x 914mm)	Solid
CLY 971 V02124	Yellow	0	21" x 24" (533 x 710mm)	Solid
CLY 971 V02128SL	Yellow	0	21" x 28" (533 x 711mm)	Slotted
CLY 971 V02424	Yellow	0	24" x 24" (710 x 710mm)	Solid
CLY 971 V02436	Yellow	0	24" x 36" (710 x 914mm)	Solid
CLY 971 V03636	Yellow	0	36" x 36" (914 x 914mm)	Solid
CLY 971 V03636SL	Yellow	0	36" x 36" (914 x 914mm)	Slotted
CLY 971 V10636	Yellow / Orange	1	6" x 36" (152 x 914mm)	Solid
CLY 971 V11218	Yellow / Orange	1	12" x 18" (305 x 457mm)	Solid
CLY 971 V11218SL	Yellow / Orange	1	12" x 18" (305 x 457mm)	Slotted
CLY 971 V11224	Yellow / Orange	1	12" x 24" (305 x 710mm)	Solid
CLY 971 V12424	Yellow / Orange	1	24" x 24" (710 x 710mm)	Solid
CLY 971 V13636	Yellow / Orange	1	36" x 36" (914 x 914mm)	Solid

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CLY 558 125-45



CLY 558 150-3



Rubber Insulating Line Hose

Predominantly used to cover live or energised power lines, line hose is manufactured from an orange blend of prime EPDM known as Salcor®, which remains flexible even in cold weather and is not damaged by ozone or ultraviolet rays. Each line hose has the unique RIB-GRIP Locking System. The straight or connector end style is available in two standard sizes: 1.25" I.D. rated at 17kV, Class 2 and 1.5" I.D. rated at 26.5kV, Class 3. Straight style Salcor® hose is also available in 2" I.D. rated at 26.5kV Class 3.

The tightest grip in the industry

The patented self-locking lip prevents line hose from coming off the conductor after an installation is complete. Often, as a linesman is working on an installation and making adjustments, the angle of connection shifts, causing line hose and covers to separate. To prevent this, an ingenious solution was developed to ensure that any two protective devices would hold together yet still be easy for a linesman to assemble and take apart. Known as the RIB-GRIP® this construction takes advantage of rubber's natural tendency to tighten its grip through compression. By creating curving rib configurations slit at a specific angle, two pieces easily slip together but resist coming apart. To quickly disengage the linesman needs only to compress the rubber on either side.

Part No.	Voltage Class	I.D. (Internal Diameter)	Length	Weight
Straight Line Hose				
CLY 558 125-3	2	1.25" (32mm)	3' (914mm)	1.8kg
CLY 558 125-45	2	1.25" (32mm)	4.5' (1372mm)	2.7kg
CLY 558 125-6	2	1.25" (32mm)	6' (1820mm)	3.4kg
CLY 558 150-3	3	1.5" (38mm)	3' (914mm)	2.3kg
CLY 558 150-45	3	1.5" (38mm)	4.5' (1372mm)	3.2kg
CLY 558 150-6	3	1.5" (38mm)	6' (1820mm)	4.3kg
CLY 558 200-3	3	2" (51mm)	3' (914mm)	2.5kg
CLY 558 200-45	3	2" (51mm)	4.5' (1372mm)	3.6kg
CLY 558 200-6	3	2" (51mm)	6' (1820mm)	5.0kg
Line Hose with Couplers				
CLY 558 125-3C	2	1.25" (32mm)	3' (914mm)	2.0kg
CLY 558 125-45C	2	1.25" (32mm)	4.5' (1372mm)	2.9kg
CLY 558 125-6C	2	1.25" (32mm)	6' (1820mm)	4.1kg
CLY 558 150-3C	3	1.5" (38mm)	3' (914mm)	2.7kg
CLY 558 150-45C	3	1.5" (38mm)	4.5' (1372mm)	3.6kg
CLY 558 150-6C	3	1.5" (38mm)	6' (1820mm)	4.1kg
Line Hose Connectors				
CLY 558 C-125	2	1.25" (32mm)	12" (305mm)	1.6kg
CLY 558 C-150	3	1.5" (38mm)	12" (305mm)	1.4kg

CLY 559 10-4



Glove Dust

Clydesdale Glove Dust whilst ideal for use with Insulating Gloves is also ideal for ensuring that Insulating Blankets do not get sticky. The 6oz. bottle easily fits in a pocket or glove bag.

Part No.	Description	Weight
CLY 559 10-4	Glove Dust 6oz Bottle (Pack of 12)	2.2kg

Tool Buckets & Line Hose Bags

Clydesdale Tool Buckets are constructed of extra heavy duty duck canvas and reinforced with a one-piece formed plastic bottom with a 3" (76mm) cuff for rugged service and long life. Collapsible for easy storage and feature a poly braid rope handle.

Line hose and Blanket Bags are convenient for raising and lowering bulky items up and down a pole, as well as for storage. Constructed of extra heavy duty duck canvas they feature a cyclac top ring to hold the bag open.

Part No.	Description	Weight
CLY 420 1800	Aerial Oval Tool Bucket 6 Pocket 15" x 7" x 9"	1.2kg
CLY 420 2022	Tool Bucket 8" x 12"	1.1kg
CLY 420 2063	Tool Bucket 12" x 15"	2.1kg
CLY 420 1950	Line Hose Bag – 12" x 48"	2.4kg
CLY 420 1950-60	Line Hose Bag – 12" x 60"	3.6kg
CLY 420 1830	Polymer Bucket Hook – Standard Buckets	0.3kg
CLY 420 1842	Polymer Bucket Hook – 3" Lip Buckets	0.3kg
CLY 420 1061 SPS	Tool Pouch	0.3kg
CLY 420 1129	Tool Frog	0.2kg
CLY 420 1628	Tool Apron	0.9kg

The range of buckets and bags is extensive, far greater than the pages of this Live Line Equipment Catalogue allow, for further details please contact Clydesdale or visit our website www.clydesdale.net

LV Tubular Shrouding

Designed specifically for use on the open wire LV network, this shrouding is an inexpensive method of increasing safety when work is to be carried out near or underneath LV power lines. Black body with yellow skirt for maximum visibility and double safety, providing not just electrical insulation but also a clear visual reminder of the hazard. Manufactured from MDPE (Medium Density Polyethylene) and tested and approved to EA 43-103. Coupling units are available which allow multiple lengths to be applied. Shrouding and couplings are available in the following sizes:

Part No.	Diameter	Dimension	Weight
970 1630	16mm	3m Length	0.8kg
970 1650	16mm	50m Coil	13.0kg
970 1630A	16mm	Coupling	<0.1kg
970 2530	25mm	3m Length	1.0kg
970 2550	25mm	50m Coil	17.0kg
970 2530A	25mm	Coupling	<0.1kg
970 5530	55mm	3m Length	1.2kg
970 5550A	55mm	Coupling	<0.1kg



CLY 420 1800



CLY 420 2022



CLY 420 1950



CLY 420 1830



CLY 420 1061 SPS



CLY 420 1129



970 2530A



970 2530

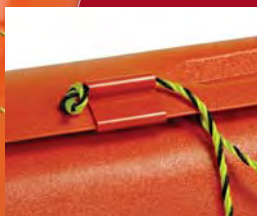


Cross Section View

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CLY 558 2856



Bonded Handle



Pole Shrouds

Pole Shrouds are installed before setting new poles to guard against accidental line contact. They also guard against pole contact by personnel working in insulating aerial buckets or on platforms.

Pole Shrouds are made from orange, Type I ABS, cold weather, high impact thermoplastic. Clydesdale Pole Shrouds feature the unique Air Gap design. Uniformly spaced dimples minimise the amount of surface area contacting the pole. This provides added insulation to keep electrical leakage to a minimum. When two pole guards are used to cover longer lengths, the Air Gap dimples nest together "locking" the two together with ample overlap. The Air Gap design also allows for air flow between it and the pole minimising moisture, condensation and creosote contamination.

All Clydesdale Pole Shrouds now come with bonded edge clips making installation and removal easier than ever. The edge clip wraps around and is bonded to the edge of the shroud putting the opening force just where it is needed most. This means the shroud will open to its fullest with less effort than its drilled predecessor and the new clips hold stronger making them less likely to be damaged by forces encountered in storing. The opening should face away from possible line contacts, whenever possible. Pole shrouds should be stored indoors to avoid prolonged exposure to UV rays and can be cleaned with a warm detergent solution. **All Clydesdale Pole Shrouds are rated to Voltage Class 4 (36kV).**

Part No.	Diameter	Length	Weight
CLY 558 2851	6" (152mm)	1' (0.3m)	1.5kg
CLY 558 2852	6" (152mm)	2' (0.6m)	2.9kg
CLY 558 2854	6" (152mm)	4' (1.2m)	5.0kg
CLY 558 2856	6" (152mm)	6' (1.8m)	7.7kg
CLY 558 1385	9" (228mm)	1' (0.3m)	1.6kg
CLY 558 1386	9" (228mm)	2' (0.6m)	3.2kg
CLY 558 1357	9" (228mm)	4' (1.2m)	5.4kg
CLY 558 2496	9" (228mm)	6' (1.8m)	8.6kg
CLY 558 2461	12" (305mm)	1' (0.3m)	2.3kg
CLY 558 2462	12" (305mm)	2' (0.6m)	3.6kg
CLY 558 2464	12" (305mm)	4' (1.2m)	6.8kg
CLY 558 2466	12" (305mm)	6' (1.8m)	10.0kg

All shrouds are tested to ASTM F712 and are manufactured to ASTM F968 specifications.

Insulated Tools

Clydesdale is one of the leading suppliers of Insulated Hand Tools in the UK. All tools supplied are designed, manufactured and tested to comply with EN 60900. The range of tools available is extensive, far greater than pages of this Live Line Equipment Catalogue allow, for further details please contact Clydesdale or visit our website www.clydesdale.net



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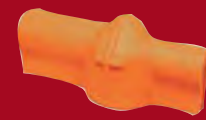
Insulated Covers

Manufactured from the same blend of prime EPDM known as Salcor® as our Blankets and line hose, Insulated Covers are used to shroud all sorts of overhead apparatus from pin insulators to HV Fuses.

Pin Insulator Covers feature RIB-GRIP® construction to lock in the line hose. The large diameter opening overlaps the small opening of the adjoining cover on double crossarm constructions which provides complete insulation at the joint regardless of the varying distance between pins. To work on live lines safely, conductors encased in a line hose should never be placed directly on a crossarm. **Cross Arm Covers** reduce electrical stresses on line hose and /or jumpers. Cross Arm Covers have interior ribs to minimise movement when in situ on the crossarm. **Flexible HV Fuse Covers** can be used for overhead line HV Fuses as well as for underground pad-mount applications.

Dead End Protectors cover insulators with a skirt diameter of less than 6" (152mm) and feature the RIB-GRIP® construction to lock in the line hose.

Post Insulator Covers interlock with 1.5" (38mm) line hose. The PTHL cover also has external ribs on the ears which secure 2.5" (64mm) line hose (available on special request). Always use clamp pins to secure the covers into position. The Class 4 **MRG Universal Cover** covers pin type insulators up to 8.5" (216mm) diameter and 11kV post type insulators. A trim bead permits use on constructions up to 35kV. The **USC Stirrup Cover** is a lightweight cover that can be installed using rubber gloves or hot sticks. The PTHL and USC also feature RIB-GRIP® construction to interlock with line hose.



CLY 558 OKRG



CLY 558 OR114



CLY 558 145



CLY 558 CC-24

Part No.	Description	Voltage Class	Overall Size	Line Hose ID	Weight
CLY 558 OKRG	Pin Insulator Cover	2	406 x 203mm	1.25" / 1.5"	3.2kg
CLY 558 OR114	Dead End Protector skirts 1-4.25" (25-108mm)	3	121 x 356mm	1.5"	1.8kg
CLY 558 145	X-Arm Cover for X-Arm up to 4" x 4.5" (102 x 114mm)	2	368 x 117 x 105mm		1.4kg
CLY 558 1186	X-Arm Cover for X-Arm up to 5.5" x 6" (140 x 152mm)	4	432 x 152 x 140mm		2.3kg
CLY 558 CC-24	HV Fuse Cover	2	600 x 376 x 88mm		2.3kg
CLY 558 CC-30	HV Fuse Cover	4	750 x 500 x 175mm		4.5kg
CLY 558 PTHL	Post Insulator Cover	4		1.5"	3.2kg
CLY 558 MRG	Universal Cover	4		1.5"	3.6kg
CLY 558 USC	Stirrup Cover	4		1.5"	2.3kg

Self Securing Cable End Caps

Specifically designed to temporarily seal and therefore protect a cable / conductor end whilst a task is undertaken. The cable / conductor end is simply pushed into the end cap.

Part No.	Length	OD Ø	Max Cable Ø	Capacity	Weight (Ea).
CLY 350 TC25-10	60mm	10mm	6.5mm	3-10mm ²	7.5g
CLY 350 TC30-15	100mm	15mm	11mm	6-35mm ²	17.5g
CLY 350 TC35-20	120mm	20mm	15mm	20-70mm ²	28g
CLY 350 TC40-25	120mm	25mm	20mm	30-100mm ²	37g
CLY 350 TC41-35	120mm	35mm	30mm	240mm ²	73g

Live Line Red Band

Used to simply identify a "No Climb Zone" the red band is used extensively throughout the electricity industry.

Part No.	Description
CLY 1091	Live Line Red Band

CLY 558 PTHL



CLY 558 MRG



CLY 558 USC



CLY 1091



CLY 350 TC35-20

Serrated Jaw Aluminium Duck Bill Spring Loaded "V" Thread

This Duck Bill Clamp is ideal for By-Pass Jumpers. When fitted to By-Pass Jumpers it incorporates a Strain Relief Sleeve, this sleeve protects the actual jumper from stress at the ferrule connection entry point.

The Duck Bill Clamp has a rating of 400A.

Part No.	Description
CLY 281 1853	Duck Bill Clamp

Ferrules

Ferrules are manufactured in two different styles: Unshrouded and Shrouded. Shrouded ferrules are compressed on both the conductor and the insulating jacket of the HV EPR cable to reduce bending stress. Shrouded ferrules are designed to be used on Rubber Glove installed By-Pass jumpers.

Unshrouded ferrules are crimped to the conductor strands only and can be used on either Hot Stick or Rubber Glove installed jumpers.

Part No.	Description
CLY 281 2023	Tin Plated (Unshrouded)
CLY 281 24425	Copper Plain (Shrouded)
CLY 281 24421	Copper Plain (Unshrouded)

By-Pass Jumper Clamps

This Jumper Clamp not only provides superior grip, but also resists ozone cutting and tracking. Being moulded rubber, these handles are impact resistant and extremely durable.

The body and jaw are made from a copper base alloy. The lower ring contact is made of self lubricating bronze.

Assembled jumper kits are sold with unshrouded ferrules.

Part No.	Description
CLY 281 2270	By-Pass Jumper Clamp

IAD Earthing Kit (Spring Retractable)

Compact designed Earthing Reels provide an efficient and positive means to earth Insulated Aerial Devices (IAD's) working on or near energised HV overhead lines.

Earthing reels have been tested for maximum fault current.

Part No.	Description
CLY 280 490	IAD Earthing Kit (Spring Retractable)

Reels are designed to be bolted to the vehicle so they can be easily removed for transfer to new vehicles. Spring rewind drum for controlled payout and take up. 4 way cable guide rollers allow for one man operation and prevents excessive wear on the earth cable. Weather tight construction to prevent corrosion. Reel is painted yellow with W/Polyester paint.

CLY 281 1853



CLY 281 2023



Shrouded Ferrules



Unshrouded Ferrules



CLY 281 2270



CLY 280 490



Hot Sticks and Accessories

Live Line Hot Stick techniques have been in use in the electricity industry for many decades. Two basic techniques are used - long and short stick. Basically the Short Stick techniques consists of the technician working from part way up the pole by either positioning himself on pole climbers or more commonly from an insulated bucket. The Long Stick technique simply involves the technician working from ground level. Many of the actual processes are the same it is simply that the stick length differs.

Clydesdale has been at the forefront of these techniques virtually from their instigation by being able to supply Hot Sticks and other associated equipment from such world leading manufacturers as AB Chance, WH Salisbury, Hastings, Ritz and Fameca.

All Hot Sticks are manufactured and approved to IEC 60855 and are therefore insulated to 69kV per foot. However, live working techniques should only be carried out within accordance with your companies safety guidelines and only trained personnel should ever practice live working.

On this page, we have simply attempted to illustrate the more commonly used items from Shotgun Sticks to Wire Holding Sticks, Auxiliary Support Arms to Spiral Link Sticks and many others. If the particular item that you require is not featured please do not hesitate to contact us as our expertise will undoubtedly allow us to provide exactly what it is that you require.

Grip-All Clampstick (Shotgun)

The most versatile tool in a Live Working crew's armoury, the Shotgun Stick can be used for tasks too numerous to be listed within these pages. Available in 3 specific versions – internal rod, external rod and hinged.

Universal Stick or Fixed Adaptor Rods

Essentially just a glass fibre stick, the Universal features either one of 2 universal fittings onto which a variety of end fittings / adaptors can be attached to carry out various tasks (please see pages 16 & 17). Available in a multitude of diameters and lengths. Universal Sticks can also feature coated hangers (for hanging on overhead lines) or C-Assists.

As opposed to the Universal Stick which features a universal fitting to which various adaptors can be added, Fixed Adaptor Sticks are simply that – sticks with a specific adaptor fixed to the rod. This is usually specified for certain tasks that are common practice i.e. Prong, Rotary Prong or Double Prong.

For total flexibility why not combine both types of adaptor and specify a rod with a universal fitting one end and your required prong adaptor on the other end.

Wire Cutting / Holding Sticks

As the name suggests these two types of stick are used to hold or cut overhead line jumpers or wires. The difference is that these sticks have a specific function as they feature external operating rods.

Conductor Support Equipment

When working live and there is a need to change a crossarm, it is important to lift the existing conductors away from the work area. This can be achieved through many different techniques using a multitude of accessories – auxiliary arms, pole saddles, wire saddles, link sticks and many more. Specify your requirements or ask for advice – Clydesdale has the solution.



Grip-All Clampstick
(Shotgun)



Universal Stick



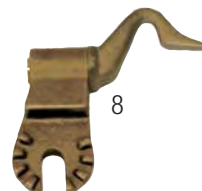
Temporary Cross Arm



Conductor Support

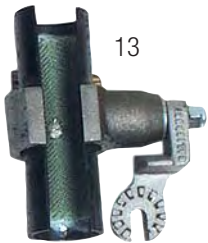
Universal Fittings

Key	Part No.	Description	Weight
1.	CLY 252 2500	Shotgun Adaptor	0.2kg
2.	CLY 252 4236	Tree / Wire Hook	0.2kg
3.	CLY 252 9878	Pig Tail Disconnect	0.2kg
4.	CLY 252 9838	Chuck Blank	0.2kg
5.	CLY 252 9971	Light Duty Cutout Prong	0.2kg
6.	CLY 252 9969	Heavy Duty Disconnect Head	0.3kg
7.	CLY 252 9979	Prong Disconnect	0.2kg
8.	CLY 252 4099	Rotary Prong Tie Head	0.27kg
9.	CLY 252 4100	Rotary Blade Tie Head	0.3kg
10.	CLY 252 9839	Pointed Disconnect	0.2kg
11.	CLY 252 4101	Double Prong Tie Head	0.22kg
12.	CLY 252 4102	Fixed Blade Tie Head	0.22kg



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14



15



16



17



18



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23



24

Key	Part No.	Description	Weight
13.	CLY 252 4106	Tubular Line Cleaner	0.6kg
14.	CLY 252 4111	'V' Line Cleaner	0.6kg
15.	CLY 252 4113	Replacement Brushes x 10	1.4kg
16.	CLY 252 4106	Curved Blade Skinning Knife	0.2kg
17.	CLY 252 4103	Pruning Saw Handle	0.22kg
18.	CLY 252 4104	Pruning Saw	0.22kg
19.	CLY 252 4181	Hack Saw, w/ replacement blades	0.2kg
20.	CLY 252 9834	Clamp Stick Head	0.6kg
21.	CLY 252 4105	Tree Pruner on 3.6m Fibreglass Pole, Complete with 7.62m of Line	0.2kg
22.	CLY 252 UST	Universal System Tool Blanket Pin	0.45kg
23.	CLY 252 4114	Flex Head Socket Wrench	0.5kg
24.	CLY 252 4115	Ratchet Wrench 12sq. Drive	0.22kg

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Operating Rods

Over the last few years telescopic rods have become an industry standard, both for linesman and Arborists but also for engineers with switching responsibilities because they fit into the boot of a vehicle so conveniently.

Clydesdale is proud to offer these types of rod from such world leading manufactures as AB Chance, WH Salisbury, Ritz, Hastings and Fameca. The most popular items are listed below but if your requirement is not listed then please do request further information.



Tel-O-Pole II

Manufactured by Hastings Glass Fibre Products, the Tel-O-Pole II features a completely new triangular design meaning that when the stick is either extended or retracted the sections self locate. All Tel-O-Pole II units are supplied with a carry bag as standard.

Part No.	Description	Extended Length	Retracted Length	Weight
CLY 255 HV-216	Tel-O-Pole II	16'9" (5.00m)	5' (1.53m)	2.26kg
CLY 255 HV-220	Tel-O-Pole II	21' (6.43m)	5'2" (1.58m)	2.92kg
CLY 255 HV-225	Tel-O-Pole II	25'6" (7.80m)	5'4" (1.63m)	3.68kg
CLY 255 HV-230	Tel-O-Pole II	30' (9.2m)	5'6" (1.68m)	4.55kg
CLY 255 HV-235	Tel-O-Pole II	35' (10.60m)	5'8" (1.72m)	5.50kg

CLY 255 HV-230



Slot Together Operating Rods

Clydesdale have an extensive range of Glass Fibre Slot Together Operating Rods manufactured to EA TS 43-81 which are suitable for Long Stick Tapping, Earthing and Arboriculture applications. Slot Together Rods have been in use in the electricity industry for decades and are starting to enjoy a resurgence of popularity due to their complete flexibility of use and their undoubted strength (both electrical and mechanical). Each section is 1.2m (4 Feet) in length. More commonly known as Bowthorpe Rods, named after the inventing company, the most common sizes are listed below.

Part No.	Description	Weight
CLY 280 001	Op Rod 1.2m – Top Section – Hollow	0.8kg
CLY 280 011	Op Rod 1.2m – Top Section – Foam Filled	1.4kg
CLY 280 002	Op Rod 1.2m – Intermediate Section – Hollow	0.7kg
CLY 280 003	Op Rod 1.2m – Bottom Section – Hollow	1.0kg
CLY 280 000	Set of Op Rods – 1 x Top (Hollow), 4 x Intermediate, 1 x Bottom, 1 x Carry Bag	
CLY 280 004	Set of Op Rods – 1 x Top (Foam Filled), 4 x Intermediate, 1 x Bottom, 1 x Carry Bag	



Operating Rods

Bowthorpe Rod Adaptors



Key	Part No.	Description
1.	CLY 280 113	AEI Fuse Head Adaptor
2.	CLY 280 101	J&P Fuse Head Adaptor
3.	CLY 280 104	Universal HV Fuse Head
4.	CLY 280 102	LEL Fuse Head Adaptor
5.	CLY 280 108	Bayonet Socket (Earths) for Bowthorpe
6.	CLY 280 103	Live Line Op Head (Red/White)
7.	CLY 300 UK3	Bowthorpe Rod / Universal Fitting Adaptor
8.	CLY 280 117	LEL Isolator Head Adaptor

Telescopic Height Measuring Pole

Made from high quality, light durable fibreglass, the Clydesdale Telescopic Poles are ideal for the measuring of conductor heights and other overhead objects.

The pole has an easy to read metric display with excellent linear accuracy and is available in two different lengths. Supplied with a handy nylon carry bag, the Measuring Pole is tested to 100kV per foot for 6 minutes meaning that it is possible to check the heights of conductors even when they are live.

Part No.	CLY 111 003	CLY 111 004
Max Height	8m	12m
Weight	2.0kg	2.8kg
Stored Length	1.42m	1.42m



CLY 111 003

Digital Electronic Conductor Height Measurer

This device uses transducer technology and an ultra-sonic beam echo to measure conductor sag, conductor height and overhead clearances with better than 99% accuracy. In addition, as there is no contact with the conductor, the risk of electrocution is greatly reduced.

Features include auto shut down, easy switch between metric and imperial units, protective leather case with carry strap and a 12 month warranty. It also has a battery life is in excess of 50,000 operations (Battery type 1x LR61).

Part No.	CLY 305 SR600E
Measurement Range	3-15m (Min Conductor Diam. 12mm) 3-12m (Min Conductor Diam. 5.5mm) 3-10m (Min Conductor Diam. 2.5mm)
No. of Conductors	6
Accuracy	0.5% +/- 2 units
Min Conductor Gap	150mm
Temp Range	Minus 10 to 40 deg C
Dimensions	205mm x 100mm x 70mm
Weight	0.5kg



CLY 305 SR600E

Compression and Cutting Tools

Clydesdale is able to supply a vast array of compression and cutting tools from a multitude of manufacturers. Available as either mechanical, hydraulic or battery operated tools, the selection below is just some of the more common place items. For further information and a greater selection please visit www.clydesdale.net

Part No.	Description	Output	Weight
Mechanical Tools			
CLY 935 MD6	Wooden Handle – D3 & BG Grooves – W Dies	5.0 Ton	2.7kg
CLY 935 MD6-8	Wooden Handle – D3 & O Grooves – W Dies	5.0 Ton	2.7kg
CLY 935 MD7	Insulated Handle – D3 & BG Grooves – W Dies	5.0 Ton	2.7kg
CLY 930 K-3	Ratchet Cutter – Al / Cu – upto 35mm Ø	-	0.9kg
CLY 930 K-4	Ratchet Cutter – Al / Cu – upto 52mm Ø	-	1.3kg
CLY 930 KS-80	Ratchet Cutter – Al / Cu – upto 80mm Ø	-	1.8kg
CLY 930 63060	Klein Ratchet Cable Cutter	-	0.9kg
Hydraulic Tools			
CLY 935 CN-58A	Compression Tool – Ins Head – W Dies	5.2 Ton	3.7kg
CLY 935 Y-35	Compression Tool – U Dies	12.0 Ton	6.0kg
CLY 935 Y-35-2	Compression Tool – Ins Head – U Dies	12.0 Ton	6.0kg
CLY 930 S-20	Hydraulic Cable Cutter – upto 20mm Ø	4.0 Ton	2.8kg
CLY 930 S-24	Hydraulic Cable Cutter – upto 24mm Ø	7.8 Ton	4.0kg
CLY 930 S-75	Hydraulic Cable Cutter – upto 75mm Ø	2.5 Ton	6.0kg
Battery Operated Tools			
CLY 935 REC-410E	Pistol Grip G Head Compression Tool – U Dies	11.3 Ton	5.8kg
CLY 935 REC-430E	Pistol Grip Latch Head Compression Tool – U Dies	11.3 Ton	5.8kg
CLY 935 CN-58E	Pistol Grip Latch Head Compression Tool – W Dies	5.5 Ton	3.4kg
CLY 935 REC-458U	Pistol Grip Latch Head Compression Tool – W Dies	5.5 Ton	3.4kg
CLY 935 004/25	Klauke – Minicrimp Tool – W Dies	1.5 Ton	2.5kg
CLY 935 120/30	Klauke – Compression Tool – U Dies	12.0 Ton	6.4kg
CLY 930 S-20BATT	Pistol Grip Cutting Tool – upto 20mm Ø	6.0 Ton	3.7kg
CLY 930 S-24BATT	Pistol Grip Cutting Tool – upto 24mm Ø	7.8 Ton	3.2kg
Battery Operated Accessories			
CLY 936 BA1420	Battery Pack – 1.9AH	-	0.8kg
CLY 936 BA1420X	Battery Pack – 1.9AH with LED Display	-	0.8kg
CLY 936 CT1415-D	Cigar Charger – 12 / 24V	-	0.7kg
CLY 936 0003	Mains Charger – 220 / 240V	-	1.9kg
CLY 936 CT1457HB	Super Charger – 220 / 240V w/ Discharge Function	-	1.9kg
CLY 936 KL001	Klauke – Battery	-	0.7kg
CLY 936 KL002	Klauke - Charger	-	1.8kg

In addition to being supplied as individual items all Battery Operated Tools are available in kits. Each kit includes the tool, a carry case, a shoulder strap, 2 batteries (of your choice) and a charger (of your choice).

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Hand-Held Thermo-Wind Meter

When operating any Aerial Devices it is important to measure the wind speed. This is a Health and Safety requirement.

The Clydesdale Wind Meter is robust, water resistant and shockproof. It includes an auto shut-off feature and offers digital read out. It is chunky enough to use with Rubber Gloves, and folds away to pocket size for storage.

	Wind Speed	Temperature
Accuracy	+/- 3% when aligned with wind's axis	+/- 2° F
Range	0.5 – 99 MPH	5 - 122° F
Optional Units	Knots, MPH, KPH, M/sec, Ft/min Beaufort Scale	F or C
Operating Modes	Current Wind Speed (Average over 2 secs) Average Wind (5, 10, or 13 secs) Max Wind (2 sec gust since power on)	
Power	CR2032 Lithium Battery (Replaceable)	

IAD Fibreglass / Gel-Coat Repair Putty

This repair putty is easy to use and is recommended by IAD manufacturers.

It comes in a stick form, with two constituents. Cut off the amount required to make the repair, kneed the putty between your fingers until the two constituents are mixed together, fill the problem area of the IAD. When dry, the repair can be sanded smooth and then painted if required.

Part No.	Description
CLY 746 018	IAD Fibreglass / Gel-Coat Repair Putty

IAD Material Handling Rope Replacement Kit

All rope must eventually wear out. Clydesdale can supply a replacement IAD Material Handling Rope of 16mm diameter and 20m length with soft eye one end and galvanised thimble eye fitted with swivel safety hook on the other.

Part No.	Description
CLY 915 001	IAD Material Handling Rope Replacement Kit

Non – Conductive Hydraulic Hoses

Non – Conductive Hydraulic Hoses to BS4983 (Orange) with approved ferrules and end fittings can be made up to any length and for each individual requirement.

To order, please tell us hose diameter and type of end fittings required.

Roller Wire Holder for Material Handling Jib

Simply slots into the Material Handling Jib to allow conductors to be raised or lowered out of the work area to provide a clearer working area for live working techniques. The Roller Wire Holder consists of 2 specific parts – the actual Roller Wire Holder itself as well as the positioning adaptor which locates the Wire Roller Holder onto the Material Handling Jib.

Part No.	Description
CLY 257 001	Wire Holder 2.5" (opening) with Positioning Adaptor



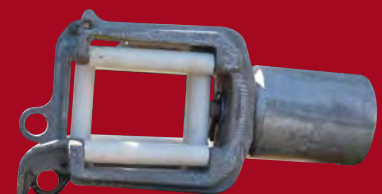
CLY 305 016



CLY 746 018



CLY 915 001



CLY 257 001

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Arc Flash Kit



CLY 545 5511 RB

CLY 545 5611RB



CLY 301 TP12-90



CLY 301 TP12B

Flame Retardant Clothing

Clydesdale is fast becoming the industry leader in the provision of Flame Retardant (FR) Clothing encompassing such items as coveralls, polo shirts, tee-shirts, jackets and trousers. Protection of the head is also available through a number of innovative designs.

All FR clothing offered by Clydesdale is CE marked to the latest standards including EN 531, but where applicable we have also certified our clothing to standards relating to the protection of workers exposed to Electric Arc. Indeed, Clydesdale leads the market in being able to offer a completely bespoke solution to Electric Arc safety matters.

With garments designed with the wearer in mind, Clydesdale only uses fabrics manufactured by Westex Inc, and most notably their Indura UltraSoft fabric constructed of 88% cotton / 12% high tenacity nylon. The cotton element means that the fabric wicks beyond comparison allowing the wearer to remain cool, comfortable and most importantly safe. Westex guarantees the FR properties of their fabrics for the life of the garment – so safety is assured.

For further information about our range of FR garments please see www.clydesdale.net or call (01234) 855855.

Electric Arc Protection

Clydesdale offers switching suits with levels of protection from 8-100 cal/cm², all CE marked to EN 531, EN 470-1 and most importantly to the European Standard ENV 50354 both classes 1 and 2.

The Clydesdale Baseball Hood offers unsurpassed wearability for low energy risks and is CE marked to EN 166 as well as various other specific FR and Arc related standards. If mechanical protection is also required then the Clydesdale Hard Hat Visor may be suitable and universally fits nearly every standard hard hat. The visor complies with the requirements of ENV 50354 class 2.

Part No.	Description
CLY 545 5511 RB	Arc Flash – Baseball Hood
CLY 545 5611 RB	Arc Flash – Hard Hat Visor with Apron

Insulated Rescue Hook

Clydesdale's Insulated Rescue Hook is an invaluable tool for any workplace, used to withdraw an injured worker from a hazardous area. Confined spaces, in vaults or just near electrical cabinets and switchgear are some of the places where this tool is a must. Featuring a foam filled, fibreglass reinforced handle (rated at 69 kV per foot) for superior electrical insulation and a coated heat treated body hook with an 18" opening. Other lengths are available as a special order. Contact us with your requirements.

Part No.	Length ft (m)	Weight
CLY 301 TP12-90	6.5 (1.9)	2.3kg

Part No.	Description
CLY 301 TP12B	Stick Mounting Bracket (Pair)

WATER-JEL® Burn Care Products

WATER-JEL® is a thick, water-based gel made of 96% water that cools & soothes burn injuries and protects from airborne contamination. WATER-JEL® safely cools the skin without cooling the patient by allowing latent heat to escape from the burn site through the dressing. For thermal burns of all types and sizes. Products have a 5 year shelf life.

DID YOU KNOW?

- An average of 7,600 electrical contact injuries occur annually in Europe
- One person is electrocuted in the workplace every day
- Electrocutions and ARC THERMAL BURNS resulting from Electric Arc Flashes are the 4th leading cause of traumatic occupational fatalities

Respond to burn injuries when and where they happen with WATER-JEL® Fire Blankets and Burn Dressings. WATER-JEL® blankets and dressings are soaked in a thick, water-based gel to stop the burning process, cool the burn and relieve pain. The gel is made from 96% water, won't dry out or stick to burn injuries and can be used on all types of thermal burns.

WATER-JEL® Emergency Burn Station

The new WATER-JEL® EBS offers increased product visibility and awareness. Provides immediate location of the correct sized dressing. All products are fast to reach and easy to use. No special training is required and dressings can be applied immediately, directly onto the burn site and left in situ until medical help arrives.

Pack contents: 1 pce WJ Face Mask, 2 pcs WJ Dressing 10 x 40 cm, 2 pcs WJ Dressing 10 x 10 cm, 1 pce WJ Burn Jel EU 60ml, 1 pck WJ Burn Jel EU 5 x 3.5 g, 2 pcs WJ Conforming Bandage, 1 pce WJ First Aid Scissor, Provided with optional see through door!

Part No.	Description
CLY 590 1110	Burn Station Kit – Wall Mounted w/ Door

WATER-JEL® Industry Burn Kit - Soft Case

The WATER-JEL® Industry Burn Kit provides efficient first aid for thermal burns on every location you may need it. Easy to store and transport. Ideal for construction sites or service vehicles. All products are fast to reach and easy to use. No special training is required.

Pack contents: 1 pce WJ Face Mask, 2 pcs WJ Dressing 10 x 40 cm, 2 pcs WJ Dressing 10 x 10 cm, 2 pcs WJ Dressing 05 x 15 cm, 2 pcs WJ Conforming Bandage, 1 pce WJ First Aid Scissor.

Part No.	Description
CLY 590 2010	Burn Kit – Individual – Soft Case

WATER-JEL® Industry Burn Kit - Hard Case

The WATER-JEL® Industry Burn Kit is also available with contents as above, however the kit is housed in a hard plastic case.

Part No.	Description
CLY 590 2020	Burn Kit – Individual – Hard Case



CLY 590 2010



CLY 590 1110



CLYDESDALE

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Winches & Jetting Equipment

Pulling & Lifting Equipment

Insulated Tools

Arc Flash Protection and Associated PPE

Specialist Cable Installation Tools

Overhead Line Hardware

Live Line Equipment & Accessories

Technical Information