

wireaid

TAKING THE PRESSURE OFF



Hose Restraints, Cable Stockings and Cam Buckle Specialists



Company Overview

Wire Aid is a dynamic, customer focused company specialising in the design, manufacture and supply of hose restraints, cable stockings and cam buckles.

Wire Aid's knowledge and understanding of our customers' requirements has been developed through involvement in the mining industry since 1991.

We have applied this experience and expertise to create even safer, better designed products to meet our clients' demands for greater reliability and functionality.

Our products are handmade on our premises, using the highest quality materials by our expert and dedicated team who are passionate about quality and meeting your time frames.

We measure, cut, plait, buff and quality check every product with over 20 years experience behind us and have the expertise, facilities and drive to deliver your product to you on time and on budget.

Today we offer not only a wide range of product sizes and specifications off-the-shelf for immediate shipment, we can also customise existing products or create new products to suit our clients' individual needs.

Wire Aid products are supplied to a wide range of industries to lift, pull, support and restrain. Whether it's for high pressure cleaners, lifting subsea cables, restraining hoses on drill rigs or pulling fibre optic cables, Wire Aid products can be relied on for quality and performance.

Our products are sold wholesale and are available throughout Australia.

In addition to having international distributors we also ship worldwide with international tracking available for your convenience.

Orders can be placed over telephone on +61 8 6258 5078, via our website at www.wireaid.com.au or by email at sales@wireaid.com.au.

Quality Control and Certifications

WireAid products are fully Australian made, with safety and quality are our paramount concern. We check quality at every stage of the production and assembly process to make sure our products are free from defects and comply with set made-to-order specifications.

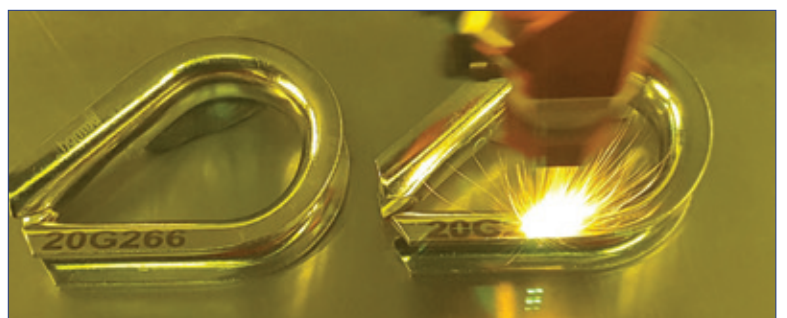
Wire Aid is certified Australian Made and Owned and also holds ISO 9001 and ISO 45001 certifications. We are the *only* Australian manufacturer of hose restraints and cable stockings with these certifications in place.





Wire Aid products are further quality assured through batch destructive testing. These tests are conducted by independent NATA accredited assessors on a calibrated test bed.

All of our wire products are engraved using our Trotec Speedy 360 Flexx Fibre Laser for easy reference and tracking, with the size of the product and the serial number permanently marked on the thimbles.



Customer Service

Wire Aid is organised, staffed, outfitted and via our multiple distributors, strategically located to provide the best return on system dollars in the industry. Whether your requirements are for sophisticated low volume products, or for mass produced commercial products, we make it our business to be competitively priced, efficient and on time.

Wire Aid understands that safety and downtime are serious issues and our main focus is ensuring that customer deadlines are met. Not only does our Western Australian depot hold large



volumes of standard stock, but we also have a priority manufacturing process that allows a fast turnaround on your order.

We take pride in ordinarily providing same day despatch of our standard ranges.

Made-to-order products are logged immediately once the order is received and clients are provided with a firm commitment on the time frame.

Wire Aid is strongly committed to providing products of excellence, but what really drives us is customer satisfaction. Industry leading service is provided by every one of our friendly, knowledgeable staff members with a can-do attitude.

Safety is Our Priority

Wire Aid only manufactures stocking type hose restraints.

This style of hose restraint is far superior to cable or sling type whip checks, which do not adequately restrict hoses from whipping.

In addition to restraining the hose, the four-eye restraint (which covers the entire hose) also offers abrasion prevention to the hose underneath.

Our stocking type hose restraints are designed for heavy duty operations in a range of industries and are suitable wherever high pressure hoses are utilised.

Innovation + Design

The Wire Aid team prides itself on recognising and responding to new needs within the industry. In addition to our daily interaction with our customers, we are actively involved in industry forums and associations to keep up with developments and provide input to assist in shaping industry safety standards and expectations.

We are excited about research and development and are continually expanding our product range to cater for the evolving requirements of our clients.



Examples of applications include restraining high pressure hoses dispensing water, air, sand, steam and concrete, and for use with hydraulic systems.

Wire Aid hose restraints are available in both two-eye and four-eye configurations.

The two-eye style - available in a range of standard sizes - meets essential safety elements of two mounting points and a long gripping area.

Our stringent quality assurance practices are adhered to at every step of the product development cycle. Best practice engineering principles and rigorous testing ensure that every product we develop performs safely and reliably.

Wire Aid will work with you to modify or create a wire rope product to meet your unique specifications. If our product range does not already cater to your requirements, or if you are not sure if the available products will meet your specific needs, simply contact us for expert advice.

Four-eye hose restraints offer a higher level of safety as the entire length of the high pressure hose is covered.

Wire Aid hose restraints are custom made to meet your specific requirements and specifications.

Simply provide us with your 'hose outside diameter' and 'length from shackle point to shackle point' and Wire Aid do the rest.

Hose Restraints



Two-eye Hose Restraint

Wire Aid Part Number	Size Range (mm) and Colour Code	Overall Length (mm)	Agg. Break Strength (kg)
Galvanised			
HR2E01	6-14	420	1600
HR2E02	14-20	455	1600
HR2E03	20-30	695	2500
HR2E04	30-40	985	4200
HR2E05	40-50	1085	4200
HR2E06	50-60	1450	7500
HR2E07	60-70	1470	7500
HR2E08	70-85	1560	7500
HR2E09	85-100	1900	10500
HR2E10	100-120	2105	10500
HR2E11	120-140	2500	16000
HR2E12	140-180	3300	20000
HR2E13	180-220	3650	20000
HR2E14	220-260	4050	20000
HR2E15	260-300	4180	20000



The Wire Aid two-eye hose restraint standard range are made with the following materials:

- Wire: Galvanised
- Ferrules: Aluminium
- Thimbles: Stainless Steel
- Leg Protection: Spiral Guards (colour coded)

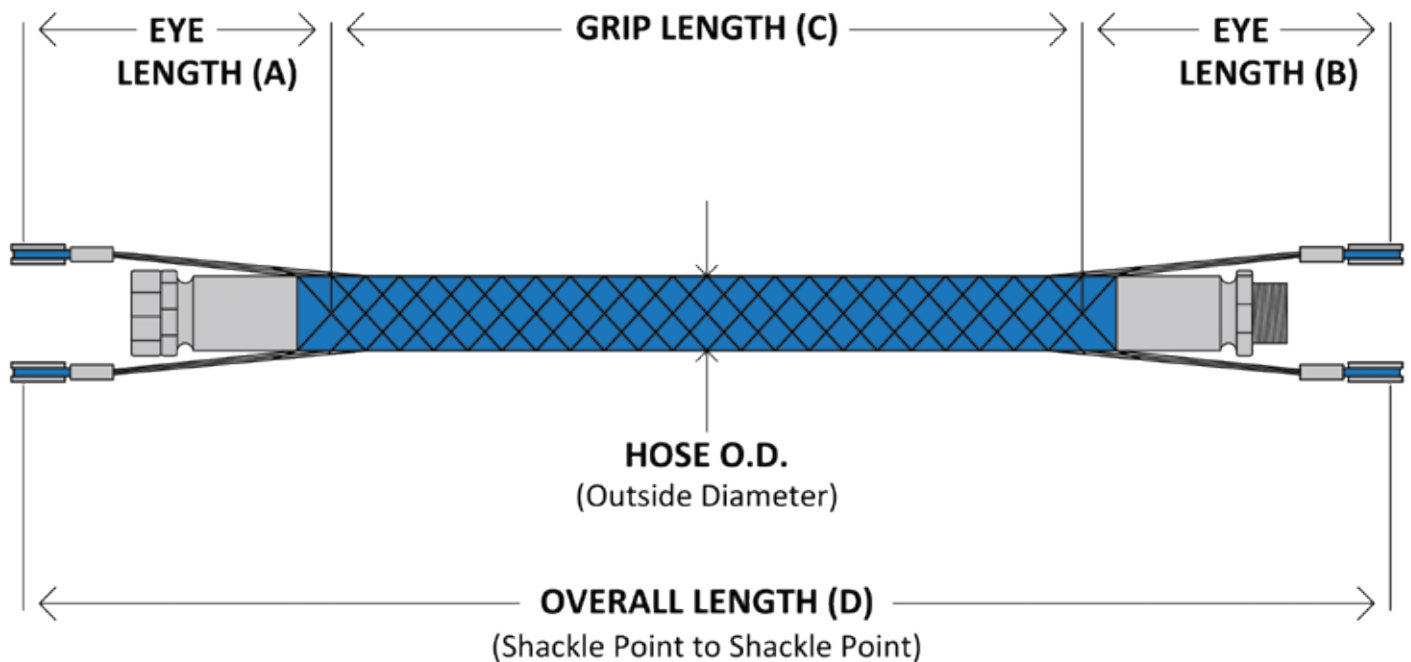
The Wire Aid standard range can be varied with 316 stainless steel wire and thimbles and 316 stainless steel ferrules at your request.

Four-eye Hose Restraint

The four-eye hose restraint is made to cover the hose in its entirety for maximum whip control. It is made-to-order to fit the exact length of the hose; shackle point to shackle point. It is available in galvanised or 316 stainless steel wire with stainless steel thimbles and the option of aluminium or stainless steel ferrules.



Ordering Four-eye Hose Restraints



When ordering a four-eye hose restraint, it is crucial to supply the correct measurements. If manufactured too big the restraint won't hold the hose effectively in the event of a hose failure; if too short, you won't be able to secure it.

To ensure optimum fit, please provide the 'outside diameter' (OD) of the hose and the total length of the hose, shackle point to shackle point.

The legs (referred to as 'eye length') of a four-eye hose restraint are a standard length (although they can be modified on request). Wire Aid will determine the grip length from your provided measurements.

If in doubt, simply call us on +61 8 6258 5078 or email us at sales@wireaid.com.au and we will happily guide you through the process, step by step.

Cable Stockings

Hand-made with *quality* material

Wire Aid offers a broad range of cable stockings which are all hand-made. Cable stockings are used in nearly every situation where cables have to be pulled, attached or secured.

The stockings work on the principle that they 'tighten' when fitted over the end of the cable because of their helical weave design. When pulled via a hauling rope, they grip, and the more they are pulled, the tighter the grip.

A properly selected and fitted cable stocking, used under correct operating procedure, should never slip.

Wire Aid cable stockings are made of high tensile galvanised, stainless steel wire or non-conductive Kevlar®.

The eye arrangements of a cable stocking as well as the materials used are based on the application and situation.

All Wire Aid cable stockings displayed here feature a thimble eye, however they can easily be produced with a soft eye. Lengths can also be customised to suit your needs.

Single-eye Cable Stocking

- The most widely used of all cable stocking, designed to pull cable by it's end.
- Tubular woven covering, open at one end, closed with a single eye at the other end.
- Often used to install overhead and underground lines.
- Applications include electrical, hydraulic, crane, constructions sites etc.
- For light to medium hauling of communication and power cables. To be used in underground conduits, trenches, cable trays and for service line to factories.

Wire Aid Part Number	Size Range (mm)	Lattice Weave	Overall Length (mm)	Agg. Break Strength (kg)
Galvanised				
CSSE71	6-14	12 x 3	460	1600
CSSE72	14-20	12 x 3	470	1600
CSSE73	20-30	12 x 2	730	2500
CSSE74	30-40	12 x 2	1030	3500
CSSE75	40-50	12 x 2	1100	3800
CSSE76	50-60	12 x 2	1520	7500
CSSE77	60-70	12 x 2	1530	7500
CSSE78	70-85	12 x 2	1520	7500
CSSE79	85-100	12 x 2	1810	10000
CSSE80	100-120	12 x 2	1920	10500



Offset-eye Cable Stocking

- Tubular woven covering, open design with offset eye at one end.
- Can be fitted any distance from the end of cable and is designed so cable can be passed through.
- Applications include mining, industrial and maritime e.g. support for electrical cable and hoses (hydraulic and other) and strain relief on trailing supply lines.
- Ideally suited for the mining industry where cable needs to be laid and secured to the walls and shafts of tunnels.

Wire Aid Part Number	Size Range (mm)	Lattice Weave	Overall Length (mm)	Agg. Break Strength (kg)
Galvanised				
CSOE84	6-14	12 x 3	500	1600
CSOE85	14-20	12 x 3	440	1600
CSOE86	20-30	12 x 2	670	2500
CSOE87	30-40	12 x 2	1010	3500
CSOE88	40-50	12 x 2	1030	3800
CSOE89	50-60	12 x 2	1760	7500
CSOE90	60-70	12 x 2	1550	7500
CSOE91	70-85	12 x 2	1500	7500
CSOE92	85-100	12 x 2	2080	10000
CSOE93	100-120	12 x 2	1920	10500



Twin-eye Cable Stocking

- Tubular woven covering, open design with both ends open with twin eyes at one end.
- Can be fitted any distance from the end of the cable and is designed so the cable can be passed clear through.
- Enables cable to be pulled either end or at any point along the length of the cable.
- Ideally suited for the mining industry where cable needs to be laid and secured to the walls of shafts and tunnels.

Wire Aid Part Number	Size Range (mm)	Lattice Weave	Overall Length (mm)	Agg. Break Strength (kg)
Galvanised				
CSTE32	6-14	12 x 3	505	1600
CSTE33	14-20	12 x 3	550	1600
CSTE34	20-30	12 x 2	840	2500
CSTE35	30-40	12 x 2	1190	4200
CSTE36	40-50	12 x 2	1310	4200
CSTE37	50-60	12 x 2	1755	7500
CSTE38	60-70	12 x 2	1790	7500
CSTE39	70-85	12 x 2	1885	7500
CSTE40	85-100	12 x 2	2300	10500
CSTE41	100-120	12 x 2	2440	10500
CSTE42	120-140	16 x 2	3015	16000
CSTE43	140-180	16 x 2	4000	20000
CSTE44	180-220	16 x 2	4450	20000
CSTE45	220-260	16 x 2	4925	20000
CSTE46	260-300	16 x 2	5080	20000

Note: the effective strength of the stocking is halved when hauling with only one eye.



Open Ended Cable Stocking

- Tubular woven covering, open both ends without eyes.
- Utilised for cable slicing and joining. A typical application would be replacement of elevator cables.
- Creates a relatively smooth join for use with a pulley wheel (or sheave).
- These stockings are open both ends to butt rope or cable ends together (e.g. for elevator or crane rope replacement) and have a double weave galvanised wire construction. The old cable may be attached to the new one and simply pulled through the blocks.

Wire Aid Part Number	Size Range (mm)	Lattice Weave	Overall Length (mm)	Agg. Break Strength (kg)
Galvanised				
CSOPE45	6-14	8 x 2	830	1600
CSOPE46	14-20	12 x 3	920	1600
CSOPE47	20-30	12 x 2	1450	2500
CSOPE48	30-40	12 x 2	2050	3500
CSOPE49	40-50	12 x 2	2250	3800
CSOPE50	50-60	12 x 2	3050	7500
CSOPE51	60-70	12 x 2	3100	7500
CSOPE52	70-85	12 x 2	3250	7500
CSOPE53	85-100	12 x 2	4000	10000
CSOPE54	100-120	12 x 2	4300	10500



Lace Up Cable Stocking

- Tubular woven covering, lace up design with twin eyes.
- Stocking manufactured and supplied flat enabling it to be wrapped around a cable in situ and then laced up to form the stocking.
- Also referred to as 'split cable grip' or 'laced cable grip'.
- Generally used for supporting electrical cables in a vertical or sloping position and also ideal for use in manholes where the longitudinal movement of the cables caused by road vibration needs to be checked.

Wire Aid Part Number	Size Range (mm)	Lattice Weave	Overall Length (mm)	Agg. Break Strength (kg)
Galvanised				
CSLU58	6-14	12 x 3	505	1600
CSLU59	14-20	12 x 3	550	1600
CSLU60	20-30	12 x 2	840	2500
CSLU61	30-40	12 x 2	1190	4200
CSLU62	40-50	12 x 2	1310	4200
CSLU63	50-60	12 x 2	1755	7500
CSLU64	60-70	12 x 2	1790	7500
CSLU65	70-85	12 x 2	1885	7500
CSLU66	85-100	12 x 2	2300	10500
CSLU67	100-120	12 x 2	2440	10500
CSLU68	120-140	16 x 2	3015	16000
CSLU69	140-180	16 x 2	4000	20000
CSLU70	180-220	16 x 2	4450	20000



Wire Aid Kevlar Two-eye Hose Restraint

Wire Aid Kevlar Hose restraints are manufactured on site from materials with specifications that meet the criteria set out in the below table

KEVLAR® is the registered trademark for DuPont's family of aramid fibres, having a unique combination of high strength, high modulus, toughness and an exceptional thermal stability.



Size (mm)	Part #	Strand Size (mm)	Soft Eye Size (mm)	No of PLY	No of Strands	Agg. Break Strength (kg)	Eye Length (mm)	Grip Length (mm)	Overall Length (mm)	Shackle (tonne)	Weight (kg)
14-20	HR2E02K	2.5	120	2	8	1600	130	320	450	0.75	0.1
20-30	HR2E03K	2.5	120	2	8	1600	140	500	640	0.75	0.1
30-40	HR2E04K	2.5	120	2	12	2100	160	670	830	1.0	0.2
40-50	HR2E05K	2.5	120	2	12	2100	160	800	960	1.0	0.25

Cam Buckles / Hose Straps

Hose straps are also commonly referred to as cam buckles and have multiple uses.

Wire Aid hose straps consist of a zinc self-closing buckle and a polyester strap of 25mm width.

They come in a standard range of lengths, however as Wire Aid hose straps are manufactured right here on premises, we can also custom make straps to suit your individual needs.



25mm Black Polyester Webbing (Plain)

Part Number	Size (mm)	Strap Width (mm)
CB400	400	25
CB600	600	25
CB800	800	25
CB1000	1000	25
CB1200	1200	25
CB1500	1500	25



25mm Fire Retardant Anti Static (FRAS) Woven Webbing

Part Number	Size (mm)	Strap Width (mm)
CB400F	400	25
CB600F	600	25
CB800F	800	25
CB1000F	1000	25
CB1200F	1200	25
CB1500F	1500	25



Components + *Other Products*

Wire Aid supplies a range of components as well as specialist tools to aid product use and on-site installation.

Due to our buying power and storage capacity, we are able to keep stock on hand at all times, at highly competitive prices and ready to deliver to you wherever you are, worldwide.

Ferrules

We supply high quality German made ferrules, manufactured from stainless steel 316 or aluminium to suit your application.

Stainless steel ferrules are available in sizes ranging from 2mm-10mm.
Aluminium ferrules are available in sizes ranging from 2mm-16mm.



Thimbles

Our stainless 316 thimbles can be used to secure wire rope in a wide variety of applications.

Available in a range of standard sizes, we provide industrial light thimbles and heavy thimbles to secure loads.



HPA Hose Pros

Get maximum service life from your hoses. We supply Hose Protection Australia (HPA) Hose Pros manufactured from the highest quality HDPE for optimal durability and abrasion resistance.

The spiral shaped guard is easy to install and available in a range of colours and hose diameter sizes. Flame retardant and anti-static products are also available.



Wire

We supply stainless steel and galvanised wire rope in a range of sizes, from 1.2mm through to 4mm.





Multi-Head Swaging Tools

We supply high quality Arm Sangyo HSC-350 wire rope swagers.

Designed and manufactured in Japan, the multi-head hand swager has 1.5-3.5mm capacity.



Shackles

Our 4-piece type safety bow shackles each come with a coloured safety pin and are available in 4 standard sizes. Suitable for use with hose restraints.

They come in 0.75t, 1.0t, 1.5t and 2.0t.



Felco Wire Cutters

We supply FELCO one handed wire cutters for clean and precise cutting.

Ideal for stainless steel cables, the FC007 model is commonly used in marine, industrial and balustrading industries.



Notes

Contact Us

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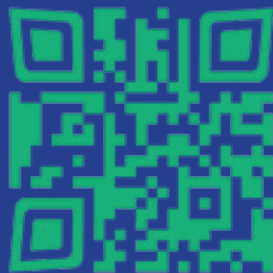
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our National Distributor Network

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