



IT'S DOWN TO THE WIRE®



GALVANISED WIRE ROPE CATALOGUE

arcuswire.com

20
25



ARCUS WIRE ROPE
GALV. STEEL WIRE ROPE
P.O. NO. : 44201
CONST : 7X19
DIA : 10.00MM
LENGTH : 1,000M
T/S. : 2070N/mm²
NET W'T : 380.50KG
REEL NO. : 243

CE

ISO

Welcome to our Galvanised Wire Rope Catalogue.

Showcasing the latest products for commercial applications. You'll find the perfect solution for your needs.

ARCUS WIRE GROUP

As a recognised leader in wire rope and fittings for 60 years, Arcus Wire Group brings a wealth of experience, knowledge and expertise to help customers with wire rope projects of any size or complexity.



We don't just aim to meet your expectations and project requirements; we strive to exceed them while providing remarkable value.

David Sheedy, CEO



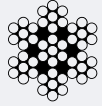

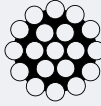

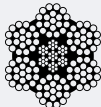
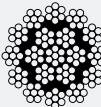


INDUSTRY ACCREDITATION

Arcus Wire Group is a silver member of the Australian Stainless Steel Development Association (ASSDA) and an ASSDA Accredited Fabricator.



Arcus Wire Group is a member of The Australian Industry Group.

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COSMO WIRE LTD.

Exclusively distributed by Arcus Wire Group across Australasia, the Cosmo range of galvanised wire rope is manufactured by specialist Korean manufacturer Cosmo Wire Ltd.

To ensure integrity, quality and durability, Cosmo galvanised wire rope is hot dipped and pre-formed, and, unlike many other products on the market, it is not electro-plated.

EXPERTISE

Celebrating 60 years in 2024, Arcus Wire Group is your go-to supplier for all galvanised wire rope needs.

CONTACT US

Call our expert team for help with selecting the right galvanised wire rope for your next project on 1800 ARCUSW (1800 272 879) or email sales@arcuswire.com

Galvanised Wire Rope Range

Our galvanised wire rope range is available in the following configurations: 7x7, 1x19, 7x19, 6x19FC and 6x25.

The 6x19FC range includes polyurethane and nylon coated gym cables. Please refer to the 6x19FC section for specifications.

For more detailed information about our galvanised wire rope range please contact our team on 1800 ARCUSW (1800 272 879) or email sales@arcuswire.com.

1x19

The 1x19 configuration of the wire rope provides excellent resistance to stretching and bending, which makes it ideal for use in applications where stability and support are essential. It is also resistant to abrasion, making it a long-lasting and durable choice for use in harsh and demanding environments.

Overall, galvanised 1x19 wire rope is a versatile and reliable product that offers high strength and durability, making it an excellent choice for a wide range of industrial and commercial applications.

7X7

The 7x7 configuration provides excellent flexibility and allows for easy bending and wrapping, making it ideal for use in applications such as garage doors, cable railings, irrigation, and agricultural fencing.

The galvanized coating on the wire rope provides added protection against corrosion and rust, making it suitable for use in outdoor environments where it may be exposed to moisture and other elements. It also offers good resistance to abrasion, which helps to extend its service life.

7x19

The 7x19 configuration provides excellent flexibility and allows for easy bending and wrapping, making it ideal for use in applications such as shade sails, theatres, and poultry sheds. The galvanized coating on the wire rope provides added protection against corrosion and rust, making it suitable for use in outdoor environments where it may be exposed to moisture and other elements. It also offers good resistance to abrasion, which helps to extend its service life.

6x19FC

The "FC" in its name stands for "Fiber Core", indicating that the rope has a natural fiber core that provides additional flexibility and shock absorption. This type of wire rope is ideal for use in applications that require both strength and flexibility, such as gym cable and rigging operations, as well as in structural applications.

Its 6x19FC configuration provides excellent flexibility, allowing for easy bending and wrapping, while also providing high strength and durability. The galvanized coating on the wire rope provides added protection against corrosion and rust, making it suitable for use in outdoor environments where it may be exposed to moisture and other elements. It also offers good resistance to abrasion, which helps to extend its service life.

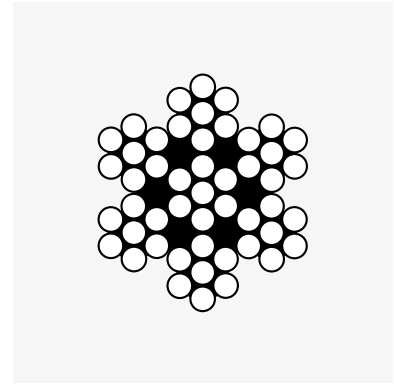
19X7

The 19x7 configuration in non-rotating with wire strand core, is a rotation resistant galvanised wire rope used mainly for cranes and hoists.

7x7 Grade G2070

G0770

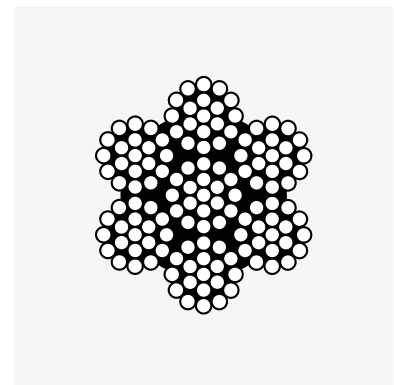
CODE	SIZE	WEIGHT	MBL (KN)	REEL SIZE
G077012-1000	1.2mm	0.006	1.09	1000m
G077015-1000	1.5mm	0.009	1.70	1000m
G077020-1000	2.0mm	0.015	3.03	1000m
G077025-1000	2.5mm	0.024	4.73	1000m
G077030-1000	3.0mm	0.035	6.72	1000m
G077040-1000	4.0mm	0.061	11.90	1000m
G077050-1000	5.0mm	0.096	18.60	1000m
G077060-1000	6.0mm	0.138	26.70	1000m
G077070-1000	7.0mm	0.188	36.40	1000m
G077080-1000	8.0mm	0.246	47.50	1000m



7x19 Grade G2070

G0790

CODE	SIZE	WEIGHT	MBL (KN)	REEL SIZE
G079032-1000	3.2mm	0.039	7.05	1000m
G079040-1000	4.0mm	0.061	11.20	1000m
G079050-1000	5.0mm	0.095	17.40	1000m
G079060-1000	6.0mm	0.137	25.40	1000m
G079065-1000	6.5mm	0.161	29.30	1000m
G079070-1000	7.0mm	0.187	31.00	1000m
G079080-1000	8.0mm	0.243	43.90	1000m
G0790100-1000	10.0mm	0.381	68.70	1000m
G0790120-1000	12.0mm	0.548	98.90	1000m
G0790140-1000	14.0mm	0.746	125.59	1000m



Also available in Black Nylon Coated
3mm GN079030.

7x19 Grade G1770

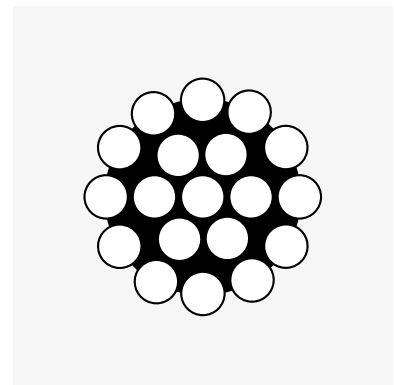
G0791

CODE	SIZE	WEIGHT	MBL (KN)	REEL SIZE
G079160-1000	16.0mm	0.997	149.9	1000m

1x19 Grade G2070

G0190

CODE	SIZE	WEIGHT	MBL (KN)	REEL SIZE
G0190125-1000	1.25mm	0.005	1.70	1000m
G019015-1000	1.5mm	0.008	2.44	1000m
G019020-1000	2.0mm	0.015	4.35	1000m
G019025-1000	2.5mm	0.024	6.79	1000m
G019030-1000	3.0mm	0.035	9.79	1000m
G519060-1000	6.0mm	0.18	30.35	1000m
G519080-1000	8.0mm	0.259	53.95	1000m
G519100-1000	10.0mm	0.511	84.29	1000m
G519120-1000	12.0mm	0.739	121.38	1000m
G519140-1000	14.0mm	0.965	165.21	1000m
G519160-500	16.0mm	1.314	215.79	1000m



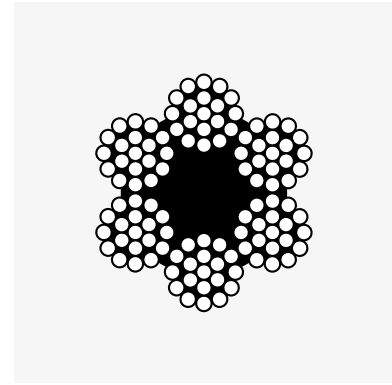
6x19 (FC) Grade G1570

G5690

CODE	SIZE	WEIGHT	MBL (KN)	REEL SIZE
G569030-1000	3.0mm	0.031	4.34	1000m
G569040-1000	3.5mm	0.042	5.80	1000m
G569050-1000	4.0mm	0.055	7.70	1000m
G569050-1000	5.0mm	0.086	12.00	1000m
G569060-1000	6.0mm	0.125	17.60	1000m

Also available in a range of Polyurethane and Nylon Coated Gym Cable options as per below:

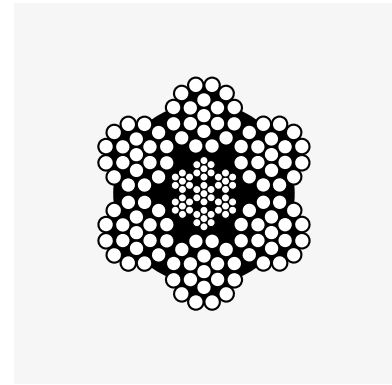
- Black Nylon Coated 4-5.5mm GN69040;
- Black PVC Coated 6-8mm GMB69060;
- Black Polyurethane Coated 3-4.8mm GP69030 and 4-6mm GP69040



6x25 G1960 Tirfor

G0651

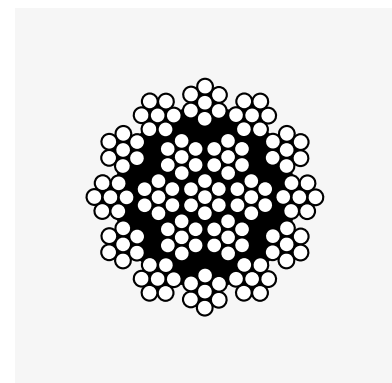
CODE	SIZE	WEIGHT	MBL (KN)	REEL SIZE
G065110-1000	11.0m	0.46	84.4	1000m
G065160-1000	16.0mm	0.997	179	1000m



19x7 G1570

G1570

CODE	SIZE	CONSTRUCTION	WEIGHT	MBL (KN)	REEL SIZE
G597050-1000	5.0mm	19x7	0.095	14.5	1000m
G597060-1000	6.0mm	19x7	0.137	18.5	1000m
G597070-1000	7.0mm	19x7	0.19	25.2	1000m
G597080-1000	8.0mm	19x7	0.243	41.1	1000m



Quality wire rope cable assembly and manufacturing

Delivering cable assemblies to meet the most demanding project specifications whilst saving customers valuable time and money

GIVING YOU CONFIDENCE

Our quality manufacturing services provide customers with confidence that our cable assemblies will meet the most demanding project specifications. All cables can be delivered with a test certificate providing proof of performance.

SAVING YOU TIME AND MONEY

By engaging our quality manufacturing services, customers save money by removing the need to purchase high-cost wire cutting and swaging equipment AND save time by not having to spend valuable hours swaging cables.

CABLE ASSEMBLY

Our two manufacturing facilities are fully equipped with the following equipment:

- **Vertical Presses** – We have a total of four vertical presses in operation at our manufacturing facilities ranging from 25t to 500t.
- **Roll Swaging Machines** – Our manufacturing facilities are equipped with multiple Wiretechnik roll swagers from the entry level A100 to the high capacity A500. Our Roll Swaging Machines can swage wire sizes 1mm to 40mm.
- **Automatic Cutting Machines** – Our in-house Talurit LKA 28 PS is a fully automatic cutting machine capable of cutting wire ropes from 5mm to 28 mm.



Wire Rope Cable Assembly



Wire Rope Testing

More information

For more information about our cable assembly manufacturing services including a virtual tour of our facilities, pricing or to schedule your next cable assembly project, contact our expert team on **1800 ARCUSW** (1800 272 879) or email sales@arcuswire.com

Industry leading wire rope testing

Enhancing safety and reliability for galvanised and stainless steel wire rope

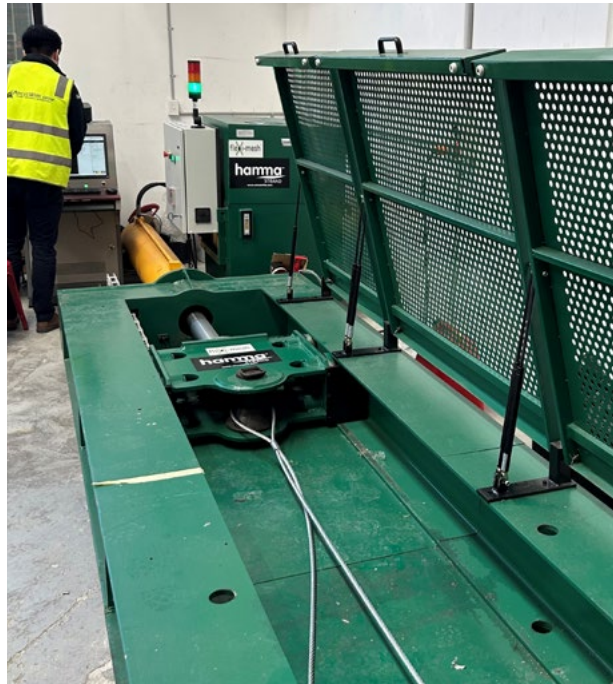
GIVING YOU CONFIDENCE

Clients choose our testing services to make informed decisions, optimise performance and ensure the reliability of wire ropes to withstand the toughest workloads across a wide range of commercial and industrial applications.

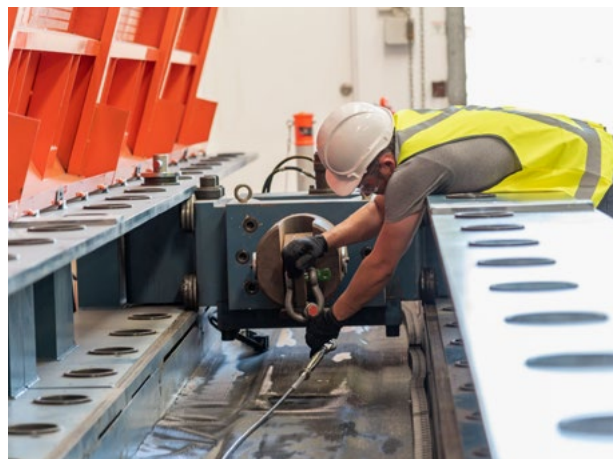
WIDE RANGE OF TESTING

Our 60t and 300t Test Beds are supplied by leading wire rope test bed providers, combining best practices and industry leading technologies to create cutting-edge test capacities. Our expert team is fully trained on the latest testing technologies and deliver a wide range of wire rope tests including:

- **Proof Load Testing** – Proof Load testing on a wire rope test bed involves subjecting the wire rope to a predetermined load, typically a percentage of its breaking strength, to ensure its structural integrity and performance under normal operating conditions.
- **Destruction Testing** – Destructive testing on a wire rope test bed involves applying progressively increasing loads until the wire rope fails, allowing engineers to understand its ultimate strength and failure behavior, crucial for determining safety margins and potential failure modes.
- **Cyclic Testing** – Cyclic testing on a wire rope test bed entails subjecting the wire rope to repeated loading and unloading cycles, simulating real-world operational conditions, and helping assess its durability, fatigue resistance, and performance over an extended lifespan.



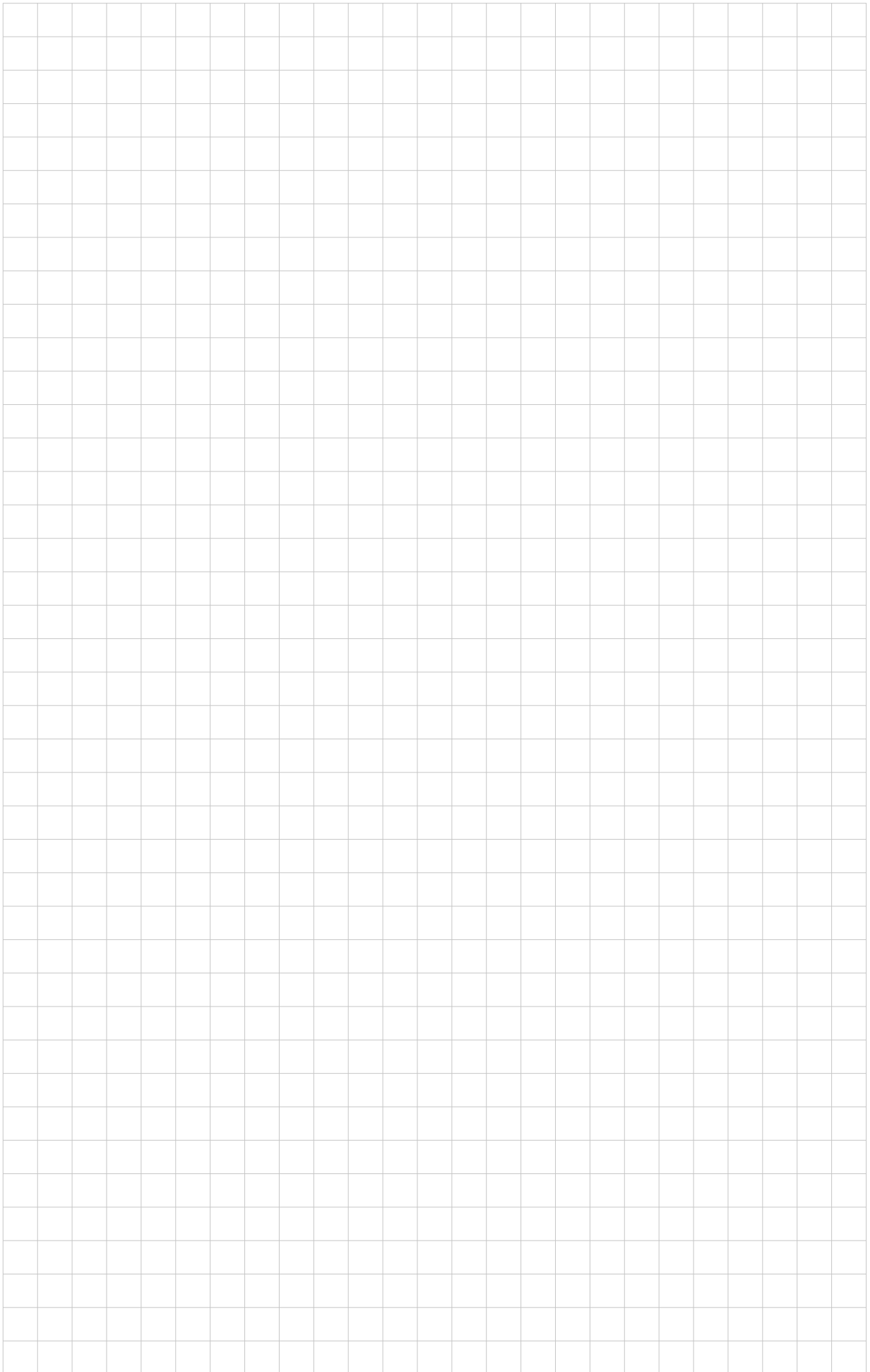
Wire Rope testing on 60t Test Bed



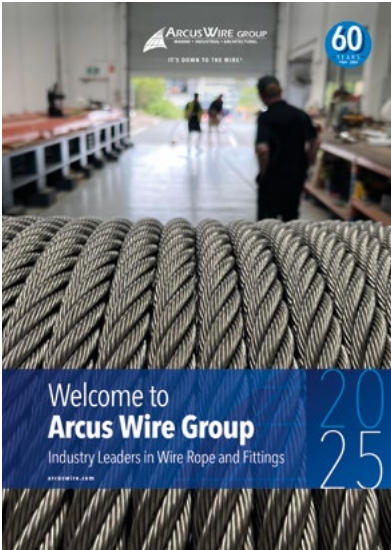
Wire Rope testing on 300t Test Bed

More information

For more information about our cable assembly manufacturing services including a virtual tour of our facilities, pricing or to schedule your next cable assembly project, contact our expert team on **1800 ARCUSW** (1800 272 879) or email sales@arcuswire.com



ABOUT US



ABOUT ARCUS WIRE GROUP

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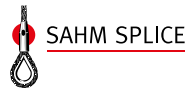
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INDUSTRY ACCREDITATION



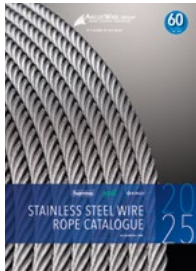
BRANDS



Visit arcuswire.com.au/downloads for latest catalogues and brochures.

PRODUCTS

WIRE ROPE AND CHAIN



STAINLESS STEEL WIRE ROPE



GALVANISED WIRE ROPE



MEDIUM LINK CHAIN

STAINLESS STEEL WIRE MESH



FLEXI-MESH



STANDOFFS

INDUSTRIAL SOLUTIONS

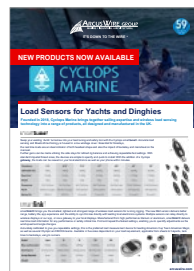


INDUSTRIAL

MARINE SOLUTIONS



MARINE



CYCLOPS MARINE

ARCHITECTURAL SOLUTIONS



ARCHITECTURAL SOLUTIONS

INDUSTRY SOLUTIONS



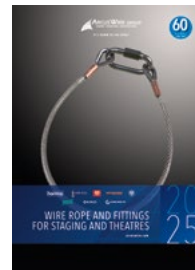
BRIDGES



IRRIGATION



DI'VINE LANDSCAPE



STAGING AND RIGGING FOR THEATRES



S307 RATED COLLARED EYE BOLT

SERVICES

MANUFACTURING, TESTING AND PRODUCT DESIGN



QUALITY WIRE ROPE CABLE ASSEMBLY AND MANUFACTURING



INDUSTRY LEADING WIRE ROPE TESTING



SPECIALISED PRODUCT DESIGN

Visit arcuswire.com.au/downloads for latest catalogues and brochures.



FOR MORE INFORMATION
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