



Built for Industry

**6x36
& 6x25**

Wire Rope Range

Technical Reference & Product Catalogue



- Galvanised
- AS 3569:2026
- RHOL
- IWRC
- Mill Certified

Distributed in Australia by
Arcus Wire Group





arcuswire.com

About Galvex

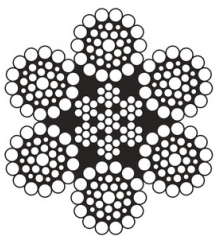

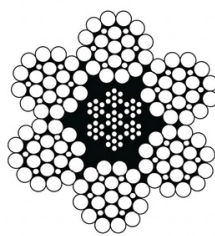

Galvex is Arcus Wire Group's purpose-built brand for galvanised wire rope and fittings, engineered specifically for the demands of heavy industry. Where stainless steel is built for corrosion resistance, Galvex is built for load. It's the rope you reach for on cranes, hoists, lifting gear, mining equipment, and construction sites where strength and reliability come first.

Every Galvex rope is manufactured to **AS 3569:2026**, Australia's national standard for steel wire ropes, and supplied with mill certificates.

 Arcus Wire Group carries Galvex stock in Australia, available for immediate dispatch.

 Industrial Strength Lifting, mining, construction	 AS 3569:2026 Tested and certified	 Australian Stock Ready to dispatch	 Mill Certified Certs available on request
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The 6x36 & 6x25 Wire Rope Range

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 2px solid #ccc; border-radius: 10px; padding: 5px; background-color: #fff9c4;"> <p>6x36WS+IWRC Warrington-Seale</p> </div>  </div> <p>Six strands, 36 wires each in a Warrington-Seale arrangement (1-7-7+7-14). High fill factor, excellent bending fatigue performance, smooth outer surface. The go-to construction for cranes, hoists, lifting slings and general industrial service.</p> <p> Available 8mm to 28mm, Grade 1960 MPa.</p>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 2px solid #ccc; border-radius: 10px; padding: 5px; background-color: #fff9c4;"> <p>6x25F+IWRC Filler Wire</p> </div>  </div> <p>Six strands, 25 wires each in a Filler Wire arrangement. Small filler wires between layers increase fill factor and produce a more flexible rope with excellent bending fatigue life. Preferred for sheave-intensive systems, running lines and applications with high cycle bending.</p> <p> Available 11mm to 16mm, Grade 1770 & 2070 MPa.</p>
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Product Range

All rope is right-hand ordinary lay (RHOL), galvanised, and tested to AS 3569:2026.

Mill certificates available on request.

Cut lengths available - contact Arcus Wire Group.

▶ 6x36WS+IWRC Wire Rope

Warrington-Seale Construction | Grade 1960 MPa | AS 3569

Item Code	Size	Reel	Lube	MBF (kN)
G936080-1000	8mm	1,000m	A1	44.7
G936100-1000	10mm	1,000m	A1	69.8
G936120-1000	12mm	1,000m	A1	100
G936130-1000	13mm	1,000m	A1	118
G936140-1000	14mm	1,000m	A1	137
G936160-500	16mm	500m	A1	179
G936180-500	18mm	500m	A2	226
G936200-500	20mm	500m	A2	279
G936220-500	22mm	500m	A2	338
G936240-500	24mm	500m	A2	402
G936260-500	26mm	500m	A2	472
G936280-500	28mm	500m	A2	547

MBF values per AS 3569:2026 Table C9. Diameter tolerance +5%/0%. Max lay length 7.25 x rope diameter.

▶ 6x25F+IWRC Wire Rope

Filler Wire Construction | Grade 1770 & 2070 MPa | Dry Supplied | AS 3569

Item Code	Size	Reel	Grade (MPa)	MBF (kN)
G065110-1000	11mm	1,000m	2070	89.1
G765130-1000	13mm	1,000m	1770	106
G765140-1000	14mm	1,000m	1770	124
G065160-1000	16mm	1,000m	2070	189

Grade varies by diameter - confirm at time of order. MBF values per AS 3569:2026.

Application Guide

The **6x36WS+IWRC** and **6x25F+IWRC** constructions are engineered for demanding industrial lifting and rigging applications. While both offer excellent performance, each construction provides distinct advantages depending on the operating environment and duty cycle.

Application	6x36WS+IWRC	6x25F+IWRC
Crane and hoist rope	Recommended	Suitable
Running rope / reeving	Suitable	Recommended
Lifting slings	Recommended	Suitable
Sheave-intensive systems	Suitable	Recommended
Multi-layer drum spooling	Recommended	Recommended
General industrial rigging	Recommended	Suitable
Mining & construction	Recommended	Suitable

Both constructions feature an **IWRC (Independent Wire Rope Core)**, a small wire rope at the centre rather than a fibre strand. This delivers approximately **7.5% higher minimum breaking force** and superior crush resistance under fleet angle loads and on multi-layer drum spooling.

Australian Standards Compliance

All Galvex rope is manufactured and tested to **AS 3569:2026 - Steel Wire Ropes: Product Specification**. Every reel is supplied with a mill certificate confirming rope designation, tensile grade, minimum breaking force, testing establishment, and date of issue.

Standard	Relevance	Galvex Status
AS 3569:2026	Manufacture, MBF, diameter, lay length	Fully compliant - mill certified
AS 2759:2004	Wire rope use, operation and maintenance	Lube grades A1/A2 per Clause 5.3

Diameter tolerance: +5%/0% per AS 3569:2026. Max lay length 7.25 x rope diameter. Test certificates retained by manufacturer for a minimum of 10 years.



Galvex Wire Rope
built for Australian industry.



In Stock. In Australia. Ready Now.



Exclusively available from Arcus Wire Group, Galvex is competitively priced, quality certified and **stocked in Australia for immediate dispatch.**

Built to keep your projects moving **on time and on budget.**



Request a Quote



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