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10 Fibre Rope

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Fibre Rope



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Our range of synthetic and natural fibre ropes are suitable for both general purpose use and specialised applications.

We can source and supply the best quality, cost effective fibre ropes for mining, construction, commercial and marine requirements. We also provide rope splicing services.

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Nylon Rope

3 Strand Hawser Laid

Manufactured from nylon fibre, and one of the strongest of conventional man-made fibres. Ideally suited to a wide range of general and industrial applications.

Features

- › Coils and knots well
- › Soft feel and easy handling
- › Good strength, high extension and recovery
- › Excellent stretch and higher abrasion resistance
- › Low water absorption
- › Resistant to alkalis, alcohols, esters, hydrocarbons and most bleaches.

Applications

- › Lifting slings
- › Forestry ropes
- › Anchor ropes
- › Safety lines and nets
- › Mooring lines
- › Car tow ropes.



Note: Sensitive to strong acids and oxidizing agents as well as phenolic compounds.

Product Code	Description	Breaking Force (kN)	UOM
ROS0469	Nylon Rope 4mm x 300m	3.1	Reel
ROS0689	Nylon Rope 6mm x 100m	7.4	Reel
ROS0612	Nylon Rope 6mm x 250m	7.4	Reel
ROS08AA	Nylon Rope 8mm x 100m	13.2	Reel
ROS010AA	Nylon Rope 10mm x 100m	20.4	Reel
ROS1236	Nylon Rope 12mm x 100m	29.4	Reel
ROS14AA	Nylon Rope 14mm x 100m	40.2	Reel
ROS16AD	Nylon Rope 16mm x 100m	52.0	Reel
ROS1026	Nylon Rope 10mm x 250m	20.4	Coil
ROS1235	Nylon Rope 12mm x 250m	29.4	Coil
ROS1626	Nylon Rope 16mm x 250m	52.0	Coil
ROS18AA	Nylon Rope 18mm x 125m	66.0	Coil
ROS2010	Nylon Rope 20mm x 250m	81.0	Coil
ROS2408	Nylon Rope 24mm x 250m	117.6	Coil

Synthetic Fibre Ropes

Polyester Rope

Manufactured from polyester fibre, polyester rope is strong and ideally suited to a wide range of general and industrial applications, including safety lines in the Height Safety sector.



Features

- › Good strength and good extension
- › Easy coiling and knotting
- › Soft feel and easy handling
- › Lower stretch than nylon and higher abrasion resistance
- › Available in easy splice soft or medium lay
- › Resistant to most organic and mineral acids, organic solvents, bleaches and oxidizing agents.

Applications

- › General industrial
- › Marine and safety sector
- › Mast stays
- › Slings
- › Belt ropes
- › Flat halyards
- › Lifelines and safety lines
- › Hoist ropes
- › Docking line
- › Theatrical rigging.

Note: Sensitive to alkalis, phenolic compounds and sulfuric acid.

Product Code	Description	Breaking Force (kN)	UOM
ROS08AF	Polyester Rope 8mm x 200m Softlay	10.0	Reel
ROS1025	Polyester Rope 10mm x 250m Softlay	15.7	Coil
ROS1231	Polyester Rope 12mm x 250m Softlay	22.6	Coil
ROS1624	Polyester Rope 16mm x 250m	40.2	Coil



Synthetic Fibre Ropes



Polypropylene Rope

Made from polypropylene this rope has a three strand twisted construction. Polypropylene rope is suitable for exterior use including tying down loads on cars, trailers, trucks and for farm use.

› Made to Australian Standard AS4142.2

Features

- › High strength properties
- › Very durable and easy to handle
- › Resistant to oil, petrol, acid, rot, mildew, sunlight and weathering.

Applications

- › Truck ropes
- › Nets
- › Slings
- › Car tow ropes
- › Blasting mats
- › Ladder ropes
- › Anchor ropes and dinghy mooring lines
- › General purpose lines.

Polypropylene Film Rope To AS 4142.2

Product Code	Size (mm)	Min breaking force (kN)	Coil Length
347204	4	2.1	300
347206	6	4.48	250
347208	8	10.4	250
347210	10	15.3	250
347212	12	21.7	250
347214	14	29.9	250
347216	16	37	250
347218	18	47.2	250
347220	20	56.9	250
347222	22	68.2	250
347224	24	79.7	250
347228	28	105	220
347232	32	132	220
347236	36	166	125
347240	40	201	125



Polypropylene Film Rope To AS 4142.2

Product Code	Size (mm)	Min breaking force (kN)	Coil Length
347206A	6	4.48	125
347208A	8	10.4	125
347210A	10	15.3	125
347212A	12	21.7	125
347214A	14	29.9	125
347216A	16	37	125
347218A	18	47.2	125
347220A	20	56.9	125
347222A	22	68.2	125



Synthetic Fibre Ropes

Polyethylene Silver Rope

Silver rope is made from polyethylene fibres with a three strand construction. Silver rope is suited to tying down loads on trucks, trailers and for farm use.

- › Made to Australian Standard AS4142.2

Features

- › Medium strength and durability
- › Easy handling
- › Excellent knotting and anti-abrasion properties
- › Resistant to petrol, acid, rot, mildew, sunlight and weathering
- › UV treated.

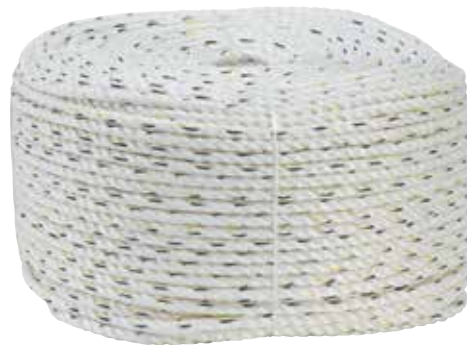
Applications

- › General, industrial, marine
- › Truck ropes and nets
- › Head lines
- › Slings
- › Industrial rigging
- › Tarpaulin ties
- › Floor ropes
- › Tent guys
- › Mooring lines.



Polyethylene Silver Staple Rope to AS 4142.2

Product Code	Size (mm)	Min breaking force (kN)	Coil Length
347004DA	4	1.8	250
347006	6	3.69	250
347008	8	6.1	250
347010	10	9.26	250
347012	12	12.4	250
347014	14	14.1	250
347016	16	20.8	250
347018	18	25.4	250
347020	20	31	250
347022	22	36.8	250
347024	24	43.1	250
347028	28	58.3	220
347032	32	76.2	220
347036	36	96.3	125
347040	40	119	125



Polyethylene Silver Staple Rope to AS 4142.2

Product Code	Size (mm)	Min breaking force (kN)	Coil Length
347006A	6	3.69	125
347008A	8	6.1	125
347010A	10	9.26	125
347012A	12	12.4	125
347014A	14	14.1	125
347016A	16	20.8	125
347018A	18	25.4	125
347020A	20	31	125
347022A	22	36.8	125
347024A	24	43.1	125
347028A	28	58.3	125



"Truckers" - Silver Lashing Rope to AS 4142.2

Product Code	Size (mm)	Min breaking force (kN)	Coil Length	Hanks Per Carton
347010HC	10	9.26	10m	10
347010HD	10	9.26	12m	10
347012HD	12	12.4	12m	10



Synthetic Fibre Ropes



Superfilm Rope

Superfilm ropes are manufactured from extruded polypropylene Film resulting in strong, highly abrasion resistant ropes.

Features

- > Useful for a multitude of applications
- > Resistant to oils, petrols, common solvents, bacteria and fungi

- > Tough and abrasion resistant
- > High strength to weight ratio
- > Excellent handling and splicing properties
- > Unaffected by water
- > UV stabilised with excellent weathering properties.

Applications

- > Marine
- > Mining
- > Fishing
- > Petroleum and general industrial
- > Construction
- > Trucking
- > Commercial.

Product Code	Superfilm Rope	Breaking Force (kN)	UOM
ROS04AE	PP Film 4mm x 300m Blue	2.1	Reel
PRP0602	Superfilm 6mm x 250m Yellow	5.9	Reel
ROS0605	Superfilm 6mm x 300m Nickel Green Metal Reel	5.9	Reel
PRP0800	Superfilm 8mm x 125m Yellow	10.4	Reel
PRP1000	Superfilm 10mm x 125m Yellow	15.3	Reel
ROS1206	Superfilm 12mm x 250m Yellow Soft Lay	21.7	Coil



Synthetic Fibre Ropes

Aquatec Rope

Manufactured from a polypropylene/ polyethylene crushed mono yarn blend then 3 stranded with the optimal lay for higher strength, excellent abrasion resistance and splicing.

Features

- › Abrasion resistant
- › High strength to weight ratio
- › Shock load resistant
- › Excellent knotting and splicing properties
- › Not affected by water and weatherproof.

Applications

- › Marine fishing and farm use
- › Ladder and foot ropes
- › Heavy industrial
- › Car tow ropes
- › Truck ropes
- › Slings.

Product Code	Aquatec PP/PE Crushed Mono Rope	Breaking Force (kN)	UOM
ROS0635	Aquatec 6mm x 250m Green, GLD FLK	6.7	Coil
ROS0819	Aquatec 8mm x 250m Green, GLD FLK	11.8	Coil
ROS1054	Aquatec 10mm x 250m Green, GLD FLK	17.7	Coil
ROS1261	Aquatec 12mm x 250m Green, GLD FLK	26.5	Coil
ROS1634	Aquatec 16mm x 250m Green, GLD FLK	44.1	Coil
ROS2015	Aquatec 20mm x 250m Green, GLD FLK	67.7	Coil
ROS2414	Aquatec 24mm x 250m Green, GLD FLK	97.1	Coil
ROS2814	Aquatec 28mm x 250m Green, GLD FLK	129.5	Coil
ROS3205	Aquatec 32mm x 250m Green, GLD FLK	164.8	Coil
ROS4001	Aquatec 40mm x 250m Green, GLD FLK	252.1	Coil



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Dyneema Rope

Ultra High Molecular Weight Polyethylene (UHMWPE) is a special form of the conventional polyethylene with a much higher strength to weight ratio than conventional polyethylene. It is known by the trade name Dyneema.

This material is characterised by extremely high breaking strengths with very minimal stretching and is often used for yachting ropes.

The Ocean 12 HS has been heat stretched and is therefore also suitable for tow ropes and cables as well as wire rope replacement.

Features

- › Very resistant to water and moisture
- › Very resistant to abrasion and most chemicals and acids
- › Very resistant to UV radiation.

Applications

- › Winch ropes
- › Marine, fishing, rural, heavy industrial
- › Truck ropes
- › Nets
- › Ladder and foot ropes
- › Tarpaulin ties

- › Blasting mats
- › Car tow ropes
- › Air sea rescue lines
- › Slings
- › Control ropes
- › Head lines
- › Ducting draw cords.

Note: Sensitive to oxidizing agents

Ocean 12

Product Code	Diameter (mm)	Breaking load in (t)	Max length app. (m)
BRS0307	3	1.1	2000
BRS0405	4	2.0	4000
BRS0534	5	2.5	3000
BRS06ZAM	6	4.2	2000
BRS08ZAM	8	6.6	1000
BRS10ZAM	10	10.7	550
BRS12ZAM	12	13.0	350



Ocean 12HS

Product Code	Diameter (mm)	Breaking load in (t)	Max length app. (m)
BRS07HSM	7	6.5	24840
BRS09HSM	9	11.2	15027
BRS11HSM	11	16.8	10059
BRS12HSM	12	19	8453
BRS14HSM	14	25	6210
BRS16HSM	16	39	4755
BRS18HSM	18	46	3757
BRS20HSM	20	56	3043
BRS22HSM	22	64	2515

Product Code	Diameter (mm)	Breaking load in (t)	Max length app. (m)
BRS24HSM	24	73	2113
BRS26HSM	26	82	1801
BRS28HSM	28	90	1553
BRS30HSM	30	98	1352
BRS32HSM	32	110	1189
BRS34HSM	34	124	1053
BRS36HSM	36	135	939
BRS40HSM	40	157	761
BRS44HSM	44	182	629



Dyneema Rope

On a weight-for-weight basis, Dyneema fibre is 15 times stronger than steel, which makes it strong enough to take the highest loads.

The rope is also lightweight while still being smooth and easy to handle.

Features

- › Ropes are typically 40% stronger than Aramid fibres of the same weight
- › Easy to handle
- › High insulation properties and floats on water
- › Resistant to most acids and alkalis, cold alcohols, ethers, esters, ketones and bleaches
- › Excellent chemical and UV resistance.

- › Minimal risk of damaging backlash if rope breaks
- › Excellent service life - lasts twice as long as steel wire rope and cheaper synthetic fibres
- › The fibres are tough (excellent abrasion resistance) and smooth (very low coefficient of friction)
- › Minimal maintenance required; no lubrication of the rope needed
- › No damage to chocks, bits, fairleads and other parts of equipment.

Note: Operating temperatures should not exceed the boiling point for water.

Applications

- › Marine
- › High performance yacht lines
- › Winch
- › Towing



Product Code	Description	Length (m)	BS (t)	Total Weight (mm)
347804	4mm x 300M c/w thimble eye one end	300	2.6	5.1
347806	6mm x 300M c/w thimble eye one end	300	4.4	8.1
347812	12mmx 300M c/w thimble eye one end	300	14	28
347814	14mm x 300M c/w thimble eye one end	300	18.5	34
347816-175	16mm x 175M c/w thimble one end (Outside of Reel)	175	21.5	25
347818	18mm x 300M c/w thimble eye one end	300	29.5	63.8
347822	22mm x 300M c/w thimble eye one end	300	46	86.7
347822-350	22mm x 350M c/w Tube Thimble one End (Outside of Reel)	350	46	100
347832	32mm x 300M c/w thimble eye one end	300	82.5	166
347836	36mm x 300M c/w thimble eye one end	300	103	211.4
347838	38 mm X 440M Reel	440	113.5	345
347844	44mm x 300M c/w thimble eye one end	300	149	314
TSD21X15E	16mm x 15M c/w 200mm Soft Eyes Each End	15	21	2.5
TSD29X10E	18mm x 10M c/w Kevlar Protection Around the Eyes 250mm Eye each end	10	29.5	2.1
TSD46X30E	22mm x 30M c/w 300mm soft eye each end with protection and fully casing	30	46	9.3
TSD46X15E	22mm x 15M c/w 300mm soft eye each end with protection and fully casing	15	46	4.6
TSD73X4	30mm x 4M c/w thimble eye each end	4	73	3.7
TSD82X15E	32mm x 15M c/w 500mm Soft Eyes Each End	15	82	9.5
TSD82X10E	32mm x 10M c/w 300mm soft eye each end with protection and fully casing	10	82.5	7.3
TSD142X30E	44mm x 30M c/w 500mm soft eye each end with protection and fully casing	30	149	35.6
TSD142X12	44mm x 12M c/w spliced tube thimble one end	12	149	14.7
TSD142X10E	44mm x 10M c/w Kevlar Protection Around the Eyes 500mm Eye each end	10	149	12.5
TSD202X10	52mm x 10M c/w Tube Thimble 1 End - Free End Heat Shranked	10	202	20.5
TRS348X15	348T (MBS) x 15M bog strop with soft eye both end	15	348	51
TRS482X10	482T (MBS) x 10M bog strop with soft eye both end	10	482	55

* Other sizes are available upon request

Synthetic Fibre Ropes



Superdan Rope

Superdan rope is manufactured from high tenacity polypropylene yarns allowing excellent anti-abrasion properties.

- › Made to Australian Standard AS4142.2

Features

- › Easy handling
- › Excellent resistance to abrasion
- › High strength properties
- › UV resistant.

Applications

- › General purpose industrial, commercial fishing and deep sea pot rope applications.

Superdan 3 Strand

Green with Gold Fleck (Full Coils Only)

Product Code	Size (mm)	Min breaking force (kN)	Coil Length
348706	6	6.7	330
348708	8	11.8	330
348709	9	14.7	330
348710	10	17.7	330
348712	12	26.5	330
348714	14	35.3	330
348716	16	44.1	330
348718	18	56.9	330
348720	20	67.7	330
348722	22	82.4	330
348724	24	97.1	330
348728	28	129.5	220
348732	32	164.8	220
348736	36	202.1	220
348740	40	252.1	220



Natural Fibre Ropes



Sisal Rope

Manufactured from the fibres of the leaves of the Agave Sisalana plant, sisal ropes are strong, tough and economical.

Features

- › Tough and versatile
- › Natural and biodegradable
- › Resistant to volatile petroleum solvents, batching oils and alkalis
- › Non conductive
- › Easily spliced and knotted.

Applications

- › Mining
- › Trucking
- › General industrial.

Note: Sensitive to mineral acids, paints, detergents, chemicals, weathering and sunlight.

Product Code	Description	Breaking Force (kN)	UDM
RON0604	Sisal Rope 6mm x 250m	2.55	Reel
RON0802	Sisal Rope 8mm x 125m	4.73	Reel
RON1003	Sisal Rope 10mm x 125m	6.22	Reel
RON1211	Sisal Rope 12mm x 80m	9.36	Reel
RON0602	Sisal Rope 6mm x 250m	2.55	Coil
RON0801	Sisal Rope 8mm x 250m	4.73	Coil
RON1001	Sisal Rope 10mm x 250m	6.22	Coil
RON1203	Sisal Rope 12mm x 250m	9.36	Coil
RON1401	Sisal Rope 14mm x 250m	12.6	Coil
RON1601	Sisal Rope 16mm x 250m	17.7	Coil
RON1801	Sisal Rope 18mm x 250m	21.0	Coil
RON2001	Sisal Rope 20mm x 250m	27.9	Coil
RON2401	Sisal Rope 24mm x 250m	39.9	Coil



Natural Fibre Ropes



Manila Rope

This rope is manufactured from fibres from the leaves of the Abacca plant (Musa textiles). Manila is the strongest of the natural fibres and results in hard wearing, low stretch, general purpose ropes which are superior to sisal in their resistance to weathering, fungal attack and moisture.

Features

- › Stronger and softer feel than sisal
- › Natural and biodegradable
- › 3 strand rope
- › Non conductive.

Applications

- › Marine
- › Shipping
- › Mining
- › Industrial lifting.

Product Code	Description	Breaking Force kN	UOM
RON0600	Manila Rope 6mm x 250m	2.55	Coil
RON0800	Manila Rope 8mm x 250m	4.73	Coil
RON1000	Manila Rope 10mm x 250m	6.22	Coil
RON1201	Manila Rope 12mm x 250m	9.36	Coil
RON1400	Manila Rope 14mm x 250m	12.6	Coil
RON1600	Manila Rope 16mm x 250m	17.7	Coil
RON1800	Manila Rope 18mm x 250m	21.0	Coil
RON2000	Manila Rope 20mm x 250m	27.9	Coil
RON2400	Manila Rope 24mm x 250m	39.9	Coil





BRISBANE SOUTH	4 Burchill St Loganholme, Qld 4129	P 07 3801 0811	E Sales.brisbane@jlr.com.au
BRISBANE NORTH	5 Johnstone Rd, Brendale, Qld 4500	P 07 3881 1445	E Sales.brendale@jlr.com.au
GOLD COAST	39 Dover Dve, Burleigh Heads, Qld 4220	P 07 5535 8277	E Sales.goldcoast@jlr.com.au
TOOWOOMBA	345 Taylor St, Toowoomba, Qld 4350	P 07 4634 6566	E Sales.toowoomba@jlr.com.au
MACKAY	179 Boundary Rd, Paget, Qld 4740	P 07 4952 5520	E Sales.mackay@jlr.com.au
GLADSTONE	4 Tranberg St, Gladstone, Qld 4680	P 07 4972 6511	E Sales.gladstone@jlr.com.au
SYDNEY	50 Skarratt St, Silverwater, NSW 2128	P 02 9748 3044	E Sales.silverwater@jlr.com.au
NEWCASTLE	33 Firebrick Dve, Thornton NSW 2322	P 02 4966 8622	E Sales.thornton@jlr.com.au
MUSWELLBROOK	49 Thomas Mitchell Dve, M'brook NSW	P 02 6541 5100	E Sales.muswellbrook@jlr.com.au
MELBOURNE	4/28-30 Little Boundary Rd, Laverton Nth, Vic	P 03 9315 1520	E Sales.melbourne@jlr.com.au
DANDENONG	28 Swift Way, Dandenong South, Vic 3175	P 03 9768 3244	E Sales.dandenong@jlr.com.au
PERTH	16-18 Kewdale Rd, Welshpool, WA 6106	P 08 9451 1522	E Sales.perth@jlr.com.au

www.lifting.com.au