

Natural Fibre Ropes

3 Strand Hawser Laid Sisal Rope



FEATURES/ BENEFITS

- Tough, abrasion resistant, resists external wear
- Versatile
- Non-conductive
- Easily spliced
- Biodegradable
- Excellent for knotting and splicing

APPLICATIONS

- Mining
- General industrial
- Truck ropes
- Rope handles
- Barrier ropes
- Halters and nets
- Capstan ropes
- Driver ropes
- Tug-o-war ropes
- Slings

3 Strand Hawser Laid Manila Rope



FEATURES/ BENEFITS

- Strong and durable, good abrasion resistance
- Soft feel, smooth handling
- Biodegradable
- Non-conductive
- Low stretch
- Resistant to weather, fungal attack and moisture

APPLICATIONS

- Marine
- Shipping
- Lifting
- Capstan Ropes
- Driving ropes
- Slings
- Rope ladders
- Cargo Nets
- Safety nets
- Block fall ropes
- Decorative purposes

FIBRE CHARACTERISTICS

Fibre type	Description	Specific gravity	Sensitive to	Resistant to	Heat reaction	Strength and elongation
Sisal	Agave Sisalana/ Vegetable fibre	1.5	Mineral acids, paints, detergents, chemical salts, fats, weathering and sunlight	Volatile petroleum solvents, batching oils and alkalis	Burns as fire touches flame. Supports combustion.	Fibre elongation: Dry: 2.9%, Wet 3.4% Rope Elongation: Dry: 13%, Wet 16% Extension causes rupture.
Manila	Abaca Musa Textilis 65% cellulose, 12% water, 22% pectin	1.5	Mineral acids, weak or strong paints, detergents, chemical salts, fats, weathering and sunlight	Volatile petroleum solvents, batching oils and alkalis	Critical temp is 150°C after which fibre burns at flame. Supports combustion.	Fibre elongation: Dry: 2.8%, Wet 3.2% Rope Elongation: Dry: 13%, Wet 15% Extension causes rupture.

RANGE/TECHNICAL

Product Code	Plt Qty	Description	Weight Kg	Breaking Kn	Force Kg	UOM
3 STRAND HAWSER LAID SISAL ROPE						
RRON0402	100	Sisal Rope 4mm x 300m	3.2	1.60	163	Reel
RRON0604	60	Sisal Rope 6mm x 250m	5	2.55	260	Reel
RRON0802	60	Sisal Rope 8mm x 125m	5	4.71	480	Reel
RRON1003	60	Sisal Rope 10mm x 125m	7.5	6.23	635	Reel
RRON1211	48	Sisal Rope 12mm x 80m	7	9.37	955	Reel
RRON0602	80	Sisal Rope 6mm x 250m	5	2.55	260	Coil
RRON0801	60	Sisal Rope 8mm x 250m	10	4.71	480	Coil
RRON1001	36	Sisal Rope 10mm x 250m	15	6.23	635	Coil
RRON1203	24	Sisal Rope 12mm x 250m	22	9.37	955	Coil
RRON1401	16	Sisal Rope 14mm x 250m	25	12.6	1285	Coil
RRON1601	16	Sisal Rope 16mm x 250m	36	17.7	1805	Coil
RRON1801	8	Sisal Rope 18mm x 250m Soft Lay	46	21.0	2140	Coil
RRON2001	12	Sisal Rope 20mm x 250m	60	27.9	2845	Coil
RRON2401	8	Sisal Rope 24mm x 250m	100	39.9	4070	Coil
RRON2801	4	Sisal Rope 28mm x 250m	132.5	52.2	5325	Coil
RRON3202	4	Sisal Rope 32mm x 250m	175	67.3	6865	Coil
RRON3602	4	Sisal Rope 36mm x 125m	112.5	85.3	8700	Coil
RRON4001	4	Sisal Rope 40mm x 125m	137.5	103	10500	Coil
3 STRAND HAWSER LAID MANILA ROPE						
RRON0600	64	Manila Rope 6mm x 250m	5	2.55	260	Coil
RRON0800	36	Manila Rope 8mm x 250m	10	4.71	480	Coil
RRON1000	36	Manila Rope 10mm x 250m	15	6.23	635	Coil
RRON1201	27	Manila Rope 12mm x 250m	22	9.37	955	Coil
RRON1400*	16	Manila Rope 14mm x 250m	25	12.6	1285	Coil
RRON1600	16	Manila Rope 16mm x 250m	36	17.7	1805	Coil
RRON1800	12	Manila Rope 18mm x 250m	46	21.0	2140	Coil
RRON2000	12	Manila Rope 20mm x 250m	60	27.9	2845	Coil
RRON2240	12	Manila Rope 22mm x 250m	73	33.4	3405	Coil
RRON2400	8	Manila Rope 24mm x 250m	100	39.9	4070	Coil
RRON2800	4	Manila Rope 28mm x 250m	132.5	52.2	5325	Coil
RRON3200	4	Manila Rope 32mm x 250m	175	67.3	6865	Coil
RRON3600	2	Manila Rope 36mm x 250m	225	85.3	8700	Coil
RRON4040	4	Manila Rope 40mm x 125m	137.5	103	10500	Coil

* Made to order - minimum order quantity and lead time applies