



8 STRAND PLAITED ROPES

Rev 01-2003

Garfil 8 Strand Ropes are made from:

- Polypropylene Split Film/Parapro Tape
- PP Multifilament Yarn
- Polyester Multifilament Yarn
- Polypropylene-Polyester dual fibre (maxiflex) yarn
- PP Monofilament Yarn
- Polyamide Multifilament Yarn
- Danline Maxima Yarn

**Aprobado por PNA
Disposición M-2749-c.c/03**

Our Q-Commitment

A well laid out Quality Assurance System, through all stages of production, monitored by technically qualified and experienced staff, ensures consistent quality the FIRST TIME! EVERY TIME!! The ropes are manufactured conforming to various standards - BSEN, American Cordage Institute, Australian and Indian Standards.

Ropes are certified by M/s. Lloyd's Register of Shipping for breaking strength.

Product Features

- Torque free and balanced construction.
- Better abrasion resistance.
- Excellent shock absorption capacity.
- Excellent shape retention.
- Resistance to corrosion effect of marine conditions.
- Unaffected by acids and alkalies.



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Premium Range

With the objective of total customer satisfaction, the persistent efforts of our R&D Division have borne fruit in the form of our premium range.

Garfil MAXIMA - these ropes are produced from blended polymers with special lay for low weight and high strength.



Garfil Maxiflex - these ropes are of composite fibre construction made from high tenacity polyester and polypropylene yarn in a specific composition.

Product Features

- Approx. 40% more strength than conventional Polypropylene ropes.
- Special blend of raw materials ensures excellent abrasion resistance.
- Better value for money as compared to conventional ropes.
- Weight to strength ratio is less, facilitating down sizing vis-a-vis PP ropes.
- Unaffected by acids and alkalis.

Product Features

- Specific gravity is equivalent to Nylon.
- Higher strength compared to Nylon.
- No loss of breaking strength in wet conditions.
- A multifilament cover ensures excellent abrasion resistance.
- Retains flexibility even after prolonged use.
- Controlled elongation and high energy absorption.
- Cost effective and less weight per metre as compared to Nylon.
- The ropes can also be supplied as per OCIMF guidelines.

Package Details

Standard coils are available in 165 metre / 220 metre lengths with eyes at both ends. Custom-made package size and length can be manufactured according to specific requirements.

Applications

These ropes are ideal for all marine applications viz.

- Mooring Lines
- Messenger Lines
- SPM Hawsers
- Towing Lines
- On Board Oil Rigs
- Oil Exploration

Specifications

Garfil Ropes

Garfil Premium

Circ.in Inches	Dia (mm)	Polypropylene Parapro / Monofilament		Ployamide Multifilament (Nylon)		Garfil Maxima		Garfil Maxiflex	
		Wt./Coil of 220 mtr. Kgs.	Breaking Strength Kgf.	Wt./Coil of 220 mtr. Kgs.	Breaking Strength Kgf.	Wt./Coil of 220 Mtr. Kgs.	Breaking Strength Kgf.	Wt./Coil of 220 mtr. Kgs.	Breaking Strength Kgf.
3.0	24	57.20	8129	78.10	12036	57.00	10500	70.00	12000
3.5	28	78.10	10710	106.70	15810	78.00	14500	96.00	15800
4.0	32	101.20	13464	138.60	19992	101.00	18500	124.00	20000
4.5	36	128.70	16932	176.00	24888	129.00	23250	157.00	24900
5.0	40	158.40	20502	217.80	29988	158.00	28000	195.00	30000
5.5	44	193.60	24582	264.00	35802	194.00	34000	238.00	35800
6.0	48	228.80	28560	312.40	42024	229.00	39500	282.00	46290
6.5	52	268.40	33048	365.20	48858	268.00	45500	330.00	54300
7.0	56	312.40	37842	424.60	55998	312.00	52000	378.00	62800
7.5	60	358.60	43248	486.20	63852	359.00	59500	438.00	72000
8.0	64	407.00	48960	554.40	72012	407.00	67550	495.00	82600
9.0	72	514.80	61506	701.80	89964	515.00	84500	627.00	102000
10.0	80	638.00	75582	866.80	109956	638.00	104000	775.00	125500
11.0	88	772.20	90678	1049.40	130968	772.00	125000	1100.00	156000
12.0	96	917.40	107100	1249.60	154020	916.00	148000	1315.00	185000
13.0	104	1078.00	122400	1465.20	182070	1075.00	173500	1540.00	216000
14.0	112	1254.00	141780	1698.40	210120	1250.00	201000	1790.00	250000
15.0	120	1430.00	163200	1951.40	240108	1435.00	230000	2050.00	286000

1. Weights are subject to a +/-5% variation.
2. All values listed are as per results confirmed in accordance to test procedures of BSEN 919.
3. All specifications pertain to regular laid ropes and are applicable to new ropes.



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