



Customers' first choice



TUFROPES
DESIGNED TO OUTPERFORM



Introduction

Tufropes was established in 1993 with the aim to manufacture high quality synthetic ropes. The company has grown steadily during the last 15 years. Today we are proud to be among India's top exporters of synthetic ropes, nets & rope articles. To continue to service the growing requirements of our customers, we have recently expanded and have set up a large new modern manufacturing facility. With growth in volumes we have attained a high degree of cost proficiency. Our clients trust us for the quality of our ropes, our flexibility in manufacturing ropes to meet our customers' specific requirements and our reliability in providing timely delivery and competitive prices. We, at Tufropes, always strive for excellence and our customers' trust is paramount to us.

COMPARISON TABLE FOR 8 - STRAND PLAITED ROPES

Cir in Inches	Dia in mm	PP SUPERTUF		PP TUF FLEX		NYLO TUF	
		Wt/Coil of 220 mtr. in	Breaking Strength (kgf)	Wt/Coil of 220 mtr. in	Breaking Strength (kgf)	Wt/Coil of 220 mtr. in	Breaking Strength (kgf)
3.0	24	57	9900	70	12000	78	12000
3 1/2	28	78	13200	96	15800	107	15800
4.0	32	101	16800	124	20000	139	20000
4 1/2	36	129	20600	157	24900	176	24900
5.0	40	158	25700	195	30000	218	30000
5 1/2	44	194	31800	238	35800	264	35800
6.0	48	229	36600	282	46290	312	42000
6 1/2	52	268	42100	330	54300	365	48800
7.0	56	312	52000	378	62800	425	56000
7 1/2	60	359	59500	438	72000	486	63800
8.0	64	407	67550	495	82600	554	72000
9.0	72	515	84500	627	102000	702	89900
10.0	80	638	104000	775	125500	867	109800
11.0	88	772	125000	1100	156000	1049	130800
12.0	96	916	148000	1315	185000	1250	153900
13.0	104	1075	173500	1540	216000	1465	182140
14.0	112	1250	201000	1790	250000	1698	210200
15.0	120	1435	230000	2050	286000	1951	240200
16.0	128	1628	258852	2332	325400	2222	272140
17.0	136	1848	291060	2640	365000	2508	306220
18.0	144	2068	321574	2960	405000	2816	344224
20.0	160	2534	390297	3650	500000	3476	422440

ALL THE ROPE CONSTRUCTIONS AS PER TUFROPES' STANDARDS (MEDIUM SOFT LAY).



- Weight are subject to +/- 5 % variation in Weight and Length.
- **TUFROPES** reserve the right to review / alter product specification.
- All values listed are as per results confirmed in accordance to test procedures IS 7071.

Note : The minimum breaking load (MBL) should never be consider as the safe working load of the Rope.

For the method of calculating safe working load please refer factor of safety = Breaking Force / 6.

"Please contact us for the long lengths, special colour."



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A SYMBOL OF

STRENGTH

&

DURABILITY

IS-5175



CML-7648188



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IS-5175



CML-7171466



SAFETY NET



SUBMERSIBLE



TRANSPORT



CONSTRUCTION



POWER TRANSMISSION



TELECOMMUNICATION

POLYPROPYLENE FILM ROPE (PP)

- The information provided in this section is restricted to normally laid 3 strand Rope in standard length
- Soft & Hard laid ropes as well as ropes on lengths to suit customer's requirement are available on application.

3/4 STRAND "Z" TWIST POLYPROPYLENE FILM ROPE (UV Stabilized)

CHARACTERISTICS:

- Light Weight
- High Breaking Strength
- Long Lasting
- Resistance to rot, mildew and marine organisms
- Unaffected by Acids and Alkalies
- Controlled Elongation

TUF FILM

PP INDUSTRIAL ROPES (IS-5175: 1992)

DIA. (MM)	DIA. (INCH)	CIRCM. (INCH)	Wt. per 220 Mtrs. in Kgs	Breaking Strength in Kgf	Runnage in Mtrs./kg
4	5/32"	1/2"	1.63	214	135.00
6	1/4"	3/4"	3.67	602	60.00
8	5/16"	1"	6.60	1060	33.30
10	3/8"	1.1/4"	10.00	1560	22.00
12	1/2"	1.1/2"	14.50	2210	15.20
14	9/16"	1.3/4"	20.00	3050	11.00
16	5/8"	2"	25.50	3770	8.60
18	3/4"	2.1/4"	32.50	4810	6.80
20	13/16"	2.1/2"	40.00	5800	5.50
22	7/8"	2.3/4"	48.50	6960	4.50
24	1"	3"	57.00	8130	3.90
28	1.1/8"	3.1/2"	78.00	10700	2.80
30	1.1/4"	3.3/4"	89.00	12220	2.40
32	1.5/16"	4"	101.00	13500	2.20
36	1.7/16"	4.1/2"	129.00	16930	1.70
40	1.5/8"	5"	158.00	20500	1.40
44	1.3/4"	5.1/2"	194.00	24640	1.13
48	2"	6"	229.00	28610	0.96
52	2.1/8"	6.1/2"	268.00	33110	0.82
56	2.1/4"	7"	312.00	37850	0.70
60	2.1/2"	7.1/2"	359.00	43280	0.61

Tolerance : 4 mm to 8 mm : +/- 10% ● 10 mm to 14 mm : +/- 8%
● 16 mm & above : +/- 5%

Coil lengths : 220 mtrs / Long length can be available on request.

APPLICATION

- Truck tying, Barrier making, Telecommunication, Power Transmission
- Safety Float, Life, Anchor & Mooring Lines for small Craft
- Hoisting, Rigging, Safety, Nursery & All Purpose Lines, Construction.
- Ship Docking, Alongside Towing & Tia-downs/Hauling

Note: The safe working load is 1/6th of maximum breaking load (MBL).

Please contact us for the long lengths, special colour and different packing.

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