

Introduction

Tufropes was established in 1993 with the aim to manufacture high quality synthetic ropes. The company has grown steadily during the last 14 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 PLAIED ROPES

ROPE SIZE (mm)	CIR Inch	TUF FILM		SUPERTUF		NYLO TUF		TUF PET		TUF FLEX	
		PP Rope		High tenacity PP rope		Nylon Rope		Polyester Rope		PP/Polyester mixed rope	
		WEIGHT Kgs/100m	Breaking Force Kgs	WEIGHT Kgs/100m	Breaking Force Kgs	WEIGHT Kgs/100m	Breaking Force Kgs	WEIGHT Kgs/100m	Breaking Force Kgs	WEIGHT Kgs/100m	Breaking Force Kgs
24	3	25.90	8130	25.90	9900	35.50	12000	43.70	9100	31.90	12000
28	3.1/2	35.45	10700	35.45	13200	48.50	15800	59.40	12200	43.40	15800
32	4	45.90	13500	45.90	16800	63.00	20000	77.80	15700	56.50	20000
36	4.1/2	58.64	16930	58.64	20600	80.00	24900	98.20	19400	71.40	24900
40	5	71.82	20510	71.82	25700	99.00	30000	121.50	24000	88.40	30000
44	5.1/2	90.00	24640	90.00	31800	120.00	35800	146.80	28400	108.00	35800
48	6	104.00	28610	104.00	36600	142.00	42000	175.00	33500	128.00	42000
52	6.1/2	122.00	33110	122.00	42100	166.00	48800	205.00	39100	150.00	48800
56	7	142.00	37850	142.00	52000	193.00	56000	238.00	44800	172.00	56000
60	7.1/2	163.20	43280	163.20	59500	221.00	63800	273.00	49800	199.00	63800
64	8	185.00	48980	185.00	67550	252.00	72000	311.00	57900	225.00	72000
72	9	234.00	61500	234.00	84500	319.00	89900	393.00	72100	285.00	89900
80	10	290.00	75640	290.00	104000	394.00	109800	485.00	88400	352.00	109800
88	11	351.00	90760	351.00	125000	477.00	130800	587.00	106000	435.00	130800
96	12	417.00	107100	417.00	148000	568.00	153900	699.00	125400	518.00	153900
104	13	490.00	122900	490.00	173500	666.00	182140	820.00	145100	601.00	182140
112	14	570.00	141830	570.00	201000	772.00	210200	950.00	166200	713.00	210200
120	15	650.00	162860	650.00	230000	887.00	240200	1092.00	189400	813.00	240200
128	16	740.00	183860	740.00	258850	1010.00	272140	1242.00	212300	923.00	272140
136	17	840.00	207000	840.00	291000	1140.00	306220	1402.00	236900	1033.00	306220
144	18	940.00	231000	940.00	321500	1280.00	344200	1572.00	262500	1153.00	344200
160	20	1152.0	283060	1152.00	390300	1580.00	422400	1940.00	320000	1463.00	422400

ALL THE ROPE CONSTRUCTIONS AS PER TUFROPES' STANDARDS (MEDIUM SOFT LAY).
Warning : the minimum breaking force should never be considered as the safe working load of the rope.
For the method of calculating safe working load please refer factor of safety = Breaking Force/6.

COMPARISON TABLE FOR 3 - STRAND LAID ROPES

ROPE SIZE (mm)	TUF FILM		SUPERTUF		TUF LINE		NYLO TUF		TUF PET		TUF FLEX	
	PP Rope		High tenacity PP rope		PE Rope		Nylon Rope		Polyester Rope		PP/Polyester mixed rope	
	WEIGHT Kgs/100m	Breaking Force Kgs	WEIGHT Kgs/100m	Breaking Force Kgs	WEIGHT Kgs/100m	Breaking Force Kgs	WEIGHT Kgs/100m	Breaking Force Kgs	WEIGHT Kgs/100m	Breaking Force Kgs	WEIGHT Kgs/100m	Breaking Force Kgs
4	0.74	214	0.74	240	0.81	200	1.05	360	1.18	300	0.90	315
6	1.70	602	1.70	680	1.82	400	2.25	760	2.70	600	2.00	700
8	3.00	1060	3.00	1200	3.27	700	4.00	1390	4.80	1020	3.80	1330
10	4.55	1560	4.55	1800	4.90	1100	6.20	2130	7.60	1600	5.50	1980
12	6.59	2210	6.59	2700	7.20	1500	8.90	3040	11.00	2300	8.00	2850
14	9.00	3050	9.00	3600	9.50	2100	12.20	4180	14.80	3200	10.90	3895
16	11.59	3770	11.59	4500	12.80	2800	15.80	5380	19.50	4100	14.10	5035
18	14.80	4810	14.80	5800	16.10	3500	20.00	6880	24.50	5100	17.80	6365
20	18.00	5800	18.00	6900	20.00	4300	24.50	8450	30.30	6300	22.10	7885
22	22.00	6960	22.00	8400	24.30	5100	30.00	10400	36.70	7600	26.80	9500
24	26.00	8130	26.00	9900	29.50	6100	35.50	12000	43.70	9100	31.90	12000
28	35.50	10700	35.50	13200	39.30	8200	48.50	15800	59.40	12200	43.40	15800
32	46.00	13500	46.00	16800	52.50	10700	63.00	20000	77.80	15700	56.50	20000
36	58.50	16930	58.50	20600	66.00	13500	80.00	24900	98.20	19400	71.40	24900
40	72.00	20510	72.00	25700	78.50	16300	99.00	30000	121.50	24000	88.40	30000
48	104.00	28610	104.00	36600	115.00	22800	142.00	42000	175.00	33500	128.00	42000
56	142.00	37850	142.00	52000	157.00	30400	193.00	56000	238.00	44800	172.00	56000
60	163.00	43280	163.00	59500	180.00	34500	221.00	63800	273.00	49800	199.00	63800

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Special Products

Nets:

Tufropes also manufactures cargo nets, safety nets, gangway nets, PE fish nets and sports nets (badminton, tennis, basketball, batting cage, cricket, soccer, volleyball).

PE Silver Ropes:

PE silver ropes have high strength and a distinctive hairy appearance which enhances abrasion resistancy. These are multi-purpose ropes which are easy to splice and handle manually.

Tuf Lead:

Lead core ropes are manufactured from fiber wrapped lead lines to make the ropes as heavy as manila ropes. Ideal for fishing net bottom lines, these ropes have high ultra-violet light resistance.

Anchor Lines:

Anchor lines are available in hank and coil forms and are made from soft medium lay ropes. With a high quality SS Thimble on one side and a soft loop on the other, these anchor lines are easy to handle and attach to anchor kits.

Truck Ropes:

Tufropes manufactures black Tuf Mono ropes with orange tracers in each strand. These ropes are used for tying down hay, lumber, straw, wood, paper etc during transportation.

