

DANSTRONG

Polypropylene Polysteel

Product Description:

Dan-strong Ropes combine a higher breaking strength, dimensional stability at an economical price. It has been produced keeping in mind its various applications in fishing, shipping, mooring ropes and for heavy industrial handling. 4-strand ropes are used to add further strength.

Properties:

- Material: Polypropylene
- Construction: 3-4-8-12 Strand
- Colour: Any Colour
- Marker: Any Colour
- Specific Gravity: 0.91
- Melting Point: 165 °c
- U.V Resistance: Stabilised (as per customer request)
- Dry & Wet conditions: Identical Wet & Dry Strengths
- Abrasion: Resistance Good
- Classification: GL & Mills
- Shock Absorption: Very Good
- Elongation: Moderate 18% at break
- Water Absorption: None
- Floating Ropes
- Chemical Resistance
- Acids: Excellent
- Alkalis: Excellent
- Oil/Gas: Very Good

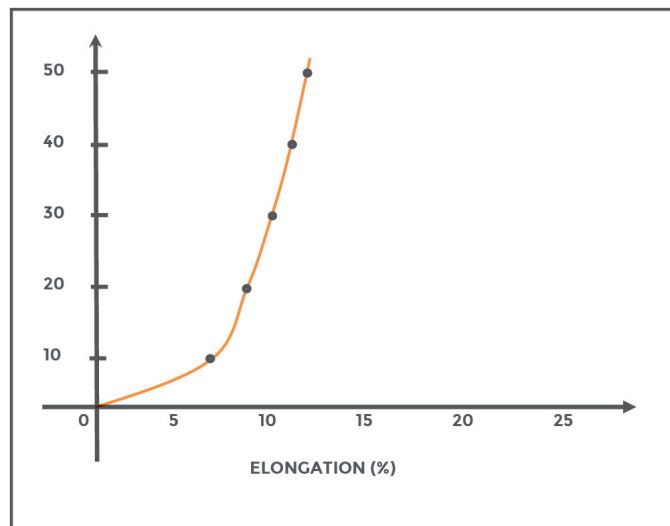
Physical characteristics:

- Higher breaking strength
- Abrasion resistance
- Excellent shock absorption
- Better grip
- Minimal elongation
- Durable and ultraviolet stabilized
- Excellent shape retention
- Fully balanced and torque free

Colours:



Percentage Elongation:



Applications:

- | | |
|-----------------------|--|
| 3 & 4 strand ropes | 8 & 12 strand ropes |
| • Air sea rescue line | • Shipping industry |
| • Blasting Mats | • Material handling for heavy industries |
| • Buoy line | • Ship mooring lines |
| • Car tow ropes | • Deep Sea Towing |
| • Control ropes | • Target Tow Ropes |
| • Crap rope | • Oceanographic Mooring |
| • Ducting draw cords | • Harbour Towing, Supply Vessel |
| • Foot ropes | • Supply Mooring Systems |
| • Ladder ropes | • Lifting Slings etc. |
| • General Industrial | |
| • Marine use | |
| • Headlines | |
| • Mooring line | |

PP Dan-Strong: 12 Strand

Dia. mm	Dia. Inch	Cir. inch	Wt. Per 220 Mtrs. in Kgs.	Wt. Per 200 Mtrs. in Kgs.	Wt. Per 220 Mtrs. in Lbs.	Wt. Per 200 Mtrs. in Lbs.	Mtr/ Kg	Feet/ Kg	MBL			Maximum Length Mtr.
									Kgf	Lbs	KN	
52	2-1/16	6-1/2	274.00	249.09	602.80	548	0.80	2.63	47400	104280	464.71	900
56	2-1/4	7	316.00	287.27	695.20	632.00	0.70	2.28	55100	121220	540.20	800
60	2-3/8	7-1/2	364.00	330.91	800.80	728.00	0.60	1.98	61700	135740	604.90	700
64	2-1/2	8	413.00	375.45	908.60	826.00	0.53	1.75	70500	155100	691.18	600
68	2-15/16	8-1/2	470.00	427.27	1034.00	940.00	0.47	1.54	79800	175560	782.35	550
72	2-7/8	9	523.00	475.45	1150.60	1046.00	0.42	1.38	89200	196240	874.51	500
76	3	9-1/2	586.00	532.73	1289.20	1172.00	0.38	1.23	98500	216700	965.69	450
80	3-5/32	10	648.00	589.09	1425.60	1296.00	0.34	1.11	108400	238480	1062.75	400
84	3-1/2	10-1/2	716.00	650.91	1575.20	1432.00	0.31	1.01	117800	259160	1154.90	350
88	3-7/16	11	787.00	715.45	1731.40	1574.00	0.28	0.92	127700	280940	1251.96	320
96	3-13/16	12	934.00	849.09	2054.80	1868.00	0.24	0.77	150800	331760	1478.43	270
104	4-1/2	13	1095.00	995.45	2409	2190.00	0.20	0.66	171700	377740	1683.33	220
108	4-15/16	13-1/2	1166.00	1060.0	2565.2	2332.00	0.19	0.62	186000	409200	1823.52	220
*112	1-7/8	14	-	1124.5	-	2474	0.17	0.56	200200	440440	1962.74	*200
*120	5	15	-	1200	-	2640	0.15	0.49	231600	509520	2270.58	*180

PP Dan-Strong: 8 Strand

Dia. mm	Dia. Inch	Cir. inch	Wt. Per 220 Mtrs. in Kgs.	Wt. Per 200 Mtrs. in Kgs.	Wt. Per 220 Mtrs. in Lbs.	Wt. Per 200 Mtrs. in Lbs.	Mtr/ Kg	Feet/ Kg	MBL			Maximum Length Mtr.
									Kgf	Lbs	KN	
40	1-5/8	5	158.00	143.64	347.60	316.00	1.39	4.57	28000	61600	274.51	270
44	1-3/4	5-1/2	193.60	176.00	425.92	387.20	1.14	3.73	33750	74250	330.88	220
48	1-15/16	6	229.00	208.18	503.80	458.00	0.96	3.15	39500	86900	387.25	520
52	2-1/16	6-1/2	270.40	245.82	594.88	540.80	0.81	2.67	45750	100650	448.53	450
56	2-1/4	7	312.00	283.64	686.40	624.00	0.71	2.31	52000	114400	509.80	380
60	2-3/8	7-1/2	359.00	326.36	789.80	718.00	0.61	2.01	59500	130900	583.33	330
64	2-1/2	8	407.00	370.00	895.40	814.00	0.54	1.77	67550	148610	662.25	290
68	2-15/16	8-1/2	460.00	418.18	1012.00	920.00	0.48	1.57	76000	167200	745.10	260
72	2-7/8	9	515.00	468.18	1133.00	1030.00	0.43	1.40	84500	185900	828.43	450
76	3	9-1/2	574.00	521.82	1262.80	1148.00	0.38	1.26	94000	206800	921.57	400
80	3-1/4	10	638.00	580.00	1403.60	1276.00	0.34	1.13	104000	228800	1019.61	350
84	3-1/2	10-1/2	703.00	639.09	1546.60	1406.00	0.31	1.03	114000	250800	1117.65	320
88	3-15/16	11	772.00	701.82	1698.40	1544.00	0.28	0.93	125000	275000	1225.49	300
92	3-7/8	11-1/2	846.00	769.09	1861.20	1692.00	0.26	0.85	136000	299200	1333.33	270
96	3-3/4	12	916.00	832.73	2015.20	1832.00	0.24	0.79	148000	325600	1450.98	250
100	4	12-1/2	1000.00	909.09	2200.00	2000.00	0.22	0.72	159166	350165.2	1560.45	220
104	4-1/2	13	1078.00	980.00	2371.00	2155.45	0.20	0.67	169500	372900	1661.76	220
*112	1-7/8	14	-	1026.40	-	2258.00	0.17	0.55	195600	430320	1917.65	*180
*116	4-3/4	14-1/2	-	1008.60	-	2218.00	0.16	0.52	207030	455466	2029.71	*170
*120	5	15	-	1047.00	-	2303.00	0.15	0.49	224600	494120	2201.96	*160

PP Dan-Strong: 3 Strand

Dia. mm	Dia. Inch	Cir. Inch	Wt. Per 220 Mtrs. In Kgs.	Wt. Per 200 Mtrs. In Kgs.	Wt. Per 220 Mtrs. In Lbs.	Wt. Per 200 Mtrs. In Lbs.	Mtr/ Kg	Feet/ Kg	MBL			Maximum Length Mtr.
									Kgf	Lbs	KN	
6	1/4	3/4	3.67	3.34	8.07	7.34	59.95	196.62	770	1694	7.55	500
8	5/16	1	6.60	6.00	14.52	13.20	33.33	109.33	1345	2959	13.19	650
10	3/8	1-1/4	10.00	9.09	22.00	20.00	22.00	72.16	2000	4400	19.61	500
12	1/2	1-1/2	14.50	13.18	31.90	29.00	15.17	49.77	2840	6248	27.84	365
14	9/16	1-3/4	20.00	18.18	44.00	40.00	11.00	36.08	3905	8591	38.28	2000
16	5/8	2	25.50	23.18	56.10	51.00	8.63	28.30	4900	10780	48.04	1550
18	3/4	2-1/4	32.50	29.55	71.50	65.00	6.77	22.20	5500	12100	53.92	1200
20	13/16	2-1/2	40.00	36.36	88.00	80.00	5.50	18.04	7520	16544	73.73	1000
22	7/8	2-3/4	48.50	44.09	106.70	97.00	4.54	14.88	8450	18590	82.84	800
24	1	3	57.00	51.82	125.40	144.00	3.86	12.66	10200	22440	100.00	950
26	1-1/13	3-1/4	67.60	61.45	148.72	135.20	3.25	10.67	11870	26114	116.37	800
28	1-1/8	3-1/2	78.00	70.91	171.60	156.00	2.82	9.25	13540	29788	132.75	700
30	1-1/4	3-3/4	90.00	81.82	198.00	180.00	2.44	8.02	15482	34060	151.78	600
32	1-5/16	4	101.00	91.82	222.20	202.00	2.18	7.14	17425	38335	170.83	550
34	1-3/8	4-1/4	115.60	105.09	254.32	231.20	1.90	6.24	19262	42376	188.84	500
36	1-7/16	4-1/2	129.00	117.27	283.80	258.00	1.71	5.59	21100	46420	206.86	450
40	1-5/8	5	158.00	143.64	347.60	316.00	1.39	4.57	24980	54956	244.90	350
44	1-3/4	5-1/2	193.50	175.91	425.70	387.00	1.14	3.73	30165	66363	295.74	850
48	1-15/16	6	229.00	208.18	503.80	458.00	0.96	3.15	35350	77770	346.57	750
52	2-1/16	6-1/2	268.00	243.64	589.60	536.00	0.81	2.67	43400	95480	425.49	650
56	2-1/4	7	312.00	283.64	686.40	624.00	0.71	2.31	49400	108680	484.31	600
60	2-3/8	7-1/2	358.00	325.45	787.60	716.00	0.61	2.01	56200	123640	550.98	500
64	2-1/2	8	407.00	370.00	895.40	814.00	0.54	1.77	64100	141020	628.43	450
68	2-15/16	8-1/2	460.00	418.18	1012.00	920.00	0.48	1.57	72200	158840	707.84	400
70	2-3/4	8-11/16	486.00	441.82	1069.20	972.00	0.45	1.48	76200	167640	747.06	365
72	2-7/8	9	514.00	467.27	1130.80	1028.00	0.43	1.40	80200	176440	786.27	350
76	3	9-1/2	574.00	521.82	1262.80	1148.00	0.38	1.26	89300	196460	875.49	330
80	3-5/32	10	638.00	580.00	1403.60	1276.00	0.34	1.13	98400	216480	964.71	280
84	3-1/2	10-1/2	705.00	640.91	1551.00	1410.00	0.31	1.03	108300	238260	1061.76	250
88	3-15/16	11	772.00	701.82	1698.40	1544.00	0.26	0.85	118700	261140	1163.73	220
96	3-3/4	12	917.00	833.64	2017.40	1834.00	0.24	0.79	140600	309320	1378.43	200
100	4	12-1/2	994.00	903.64	2186.80	1988.00	0.22	0.72	151200	332640	1482.35	183