

TUF-IR INDUSTRIAL ROPES

ENGINEERED SUPPORT FOR SUBMERSIBLE PUMP INSTALLATIONS



Cortland International offers industrial ropes with proven reliability and structural reinforcement for submersible pump systems. Designed to withstand dynamic loads and environmental stress, these ropes ensure the secure suspension and retrieval of submersible pumps in deep well applications. With high tensile strength, minimal elongation, and excellent chemical resistance, industrial ropes from Cortland International mitigate these risks—ensuring operational continuity and equipment safety.

Supertuf Rope Features

- High tenacity polyolefin fibre rope
- Conforms to IS 14929 -2001
- UV resistant
- Lightweight & soft: easy to use with submersible pumps
- High strength and shock resistant
- Resistant to abrasion and deterioration
- Unaffected by hard water
- Minimal elongation



Supertuf Rope

Diameter		Cir.	Runnage Mtrs. Coil	Weight (220 mtrs coil)	Weight (500 mtrs coil)	Min. Breaking Strength
mm	inch	inch	mtrs/kgs	kgs	kgs	kgf
4	5/32	1/2	135.00	1.63	3.70	305
6	1/4	3/4	60.00	3.67	8.34	675
8	5/16	1	33.30	6.60	15.00	1215
10	3/8	1-1/8	22.00	10.00	22.70	1845
12	1/2	1-1/2	15.20	14.50	33.00	2700
14	9/16	1-3/4	11.00	20.00	45.40	3690
16	5/8	2	8.60	25.50	58.00	4320
18	3/4	2-1/4	6.80	32.50	73.90	5490
20	13/16	2-1/2	5.50	40.00	90.90	6840
22	7/8	2-3/4	4.50	48.50	110.20	8370
24	1	3	3.90	57.00	128.20	9450
28	1-1/8	3-1/2	2.80	78.00	177.50	13050
32	1-5/16	4	2.20	101.00	230.00	16650

* Standard coil length 220m or 500m

* Safety factor : 1/6 of minimum breaking load

* We reserve the right to review / alter product specifications

PP Industrial Rope Features

- Polypropylene (PP) flim rope
- Conforms to IS 5175 -2014
- UV resistant
- Lightweight
- High breaking strength
- Long lasting
- Resistant to rotting, mildew & marine organisms
- Unaffected by acids & alkalis
- Controlled elongation



PP Industrial Rope

Diameter		Runnage	Cir.	Weight (220 mtrs coil)	Min. Breaking Strength
mm	inch	mtrs/kgs	inch	kgs	Kgf
4	5/32	138.31	1/2	1.59	286
4.5	3/16	109.29	9/16	2.01	362
5	3/16	88.50	5/8	2.49	433
6	1/4	61.35	3/4	3.59	612
8	5/16	34.60	1	6.36	1020
9	11/32	27.32	1-1/8	8.05	1275
10	3/8	22.12	1-1/4	9.94	1530
12	1/2	15.36	1-1/2	14.32	2162
14	9/16	11.29	1-3/4	19.49	2855
16	5/8	8.62	2	25.52	3824
18	3/4	6.85	2-1/4	32.12	4589
20	13/16	5.52	2-1/2	39.82	5710
22	7/8	4.57	2-3/4	48.18	6832
24	1	3.85	3	57.20	8158
26	1-1/12	3.27	3-1/4	67.32	9177
28	1-1/8	2.82	3-1/2	77.88	10809
30	1-1/4	2.46	3-3/4	89.54	12033
32	1-5/16	2.16	4	101.86	13460
36	1-7/16	1.71	4-1/2	128.92	17335
40	1-5/8	1.38	5	159.06	20394
44	1-3/4	1.14	5-1/2	192.50	25493
48	2	0.96	6	228.80	28552
52	2-1/8	0.82	6-1/2	268.00	34160
56	2-1/4	0.71	7	312.00	38239
60	2-1/2	0.61	7-1/2	359.00	43338

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contact@cortlandinternational.com

cortlandinternational.com CI_FL_005_1025