

TITAN COMPACTED 6 STRAND ROPE

Used for Mooring and Anchoring, the Titan range of compacted 6 strand ropes have served offshore applications reliably for years. For smooth operation and long life, they are designed to offer optimum balance between toughness and abrasion resistance, and flexibility and fatigue resistance.

Properties

- High strength
- Structural rigidity
- Resistant to abrasion & fatigue
- High elasticity to absorb shock load
- Protection for corrosion

Deteriorating Forces

- Heavy loads in six degrees of freedom
- Cyclic loads (tension & bending)
- Corrosion
- Torque
- Abrasion due to drum / sheave under heavy load
- Fatigue



BRUNTON
WIRE ROPES

THE SPECIALIST



TITAN COMPACTED 6 STRAND ROPE

Constructions

6xK36SW, 6xK41SW
6xK49SW, 6xK52SW

Core

Steel Core (IWRC)

Range

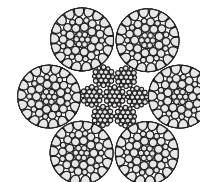
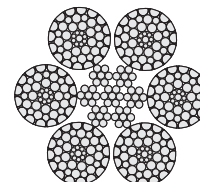
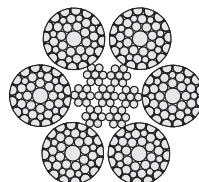
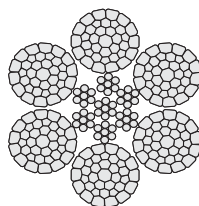
52mm - 103mm

Rope grade

1770, 1960, 2160, EIP

MBF

2295 - 8914 kN



Typical applications

Mooring



Nominal Rope Diameter		Approximate Mass				Minimum Breaking Force	
		lb/ft		kg/m			
in.	mm	air	submerged Wt	air	submerged Wt	MT	kN
2.0		7.80	6.57	11.6	9.78	234	2295
	52	8.20	6.92	12.2	10.3	245	2402
2 1/8	54	8.87	7.46	13.2	11.1	264	2589
	56	9.48	8.00	14.1	11.9	284	2785
2 1/4	58	9.95	8.40	14.8	12.5	296	2903
2 3/8	60	10.9	9.21	16.2	13.7	326	3197
2 1/2	64	12.2	10.3	18.2	15.3	365	3579
2 5/8	67	13.5	11.4	20.1	17.0	403	3952
2 3/4		14.8	12.5	22.0	18.6	443	4344
	71	15.3	12.8	22.7	19.1	457	4481
2 7/8		16.1	13.6	24.0	20.2	483	4736
	74	16.6	14.0	24.7	20.8	496	4864
3.0		17.6	14.9	26.2	22.1	526	5158
	77	17.9	15.1	26.7	22.5	537	5266
3 1/8	80	19.1	16.1	28.4	24.0	571	5599
3 1/4	83	20.7	17.5	30.8	26.0	618	6060
3 3/8		22.2	18.8	33.1	27.9	666	6531
	87	22.9	19.4	34.1	28.8	686	6727
3 1/2	90	23.9	20.2	35.6	30.0	716	7021
3 5/8	92	25.7	21.6	38.2	32.2	743	7286
3 3/4	96	27.6	23.3	41.0	34.6	797	7815
3 7/8		29.4	24.8	43.7	36.9	830	8139
4.0		31.3	26.4	46.6	39.3	885	8678
	103	32.1	27.1	47.8	40.3	909	8914

Note: The Wire Rope conforms to the applicable sections of API Specification 9A.



Get in touch with us

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