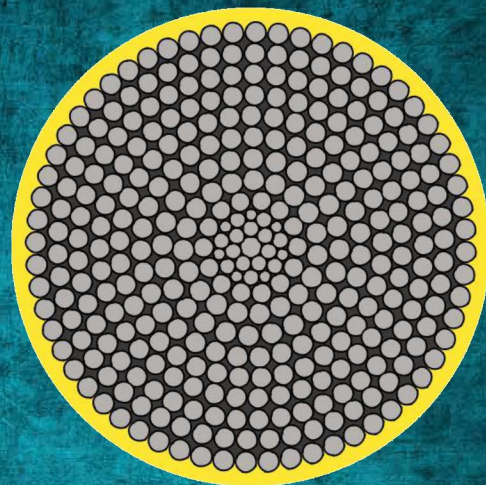


Hymoor

Long Term Mooring Spiral Strand

- High strength per weight ratio / High torsional balance
- Superior corrosion protection
- Longer service life over 20 years
- Computer Aided Rope Design Modeling and Dynamic Testing on
- Tension fatigue and axial fatigue for the best endurance, torque balance and predicting the life span of Hymoor Spiral
- Design and manufacture of Hymoor Spiral terminations ensure compliance with contemporary requirements
- Sheathing in MDPE or HDPE



Permanent Mooring

Strand Nominal Diameter		Products Dia	Sheathing Thickness	Approx. weight		Minimum Breaking Force				Approx. Axial Stiffness	Approx. Metallic Cross Sectional Area
				In air		1770	1960				
mm	inches	mm	mm	kg/m	lb/ft	tonnes force	kN	tonnes force	kN	MN	mm ²
65	2 1/2	77.0	6	22.7	15.3	420	4,120	465	4,560	410	2,520
68	2 5/8	80.0	6	24.4	16.4	455	4,460	500	4,900	440	2,680
70	2 3/4	86.0	8	26.7	17.9	480	4,710	545	5,350	480	2,940
73	2 7/8	89.0	8	29.3	19.7	525	5,150	605	5,930	540	3,250
76	3	92.0	8	31.8	21.4	580	5,690	655	6,420	580	3,540
79	3 1/8	95.0	8	34.9	23.5	625	6,130	720	7,060	620	3,880
82	3 1/4	98.0	8	37.7	25.3	670	6,570	780	7,650	670	4,200
86	3 3/8	102.0	8	38.9	26.1	735	7,210	825	8,090	710	4,450
90	3 1/2	110.0	10	43.1	29.0	810	7,940	890	8,730	770	4,790
92.5	3 5/8	112.5	10	46.1	31.0	860	8,430	945	9,270	810	5,080
95.5	3 3/4	115.5	10	49.2	33.1	915	8,970	1,015	9,950	870	5,440
98	3 7/8	118.0	10	54.0	36.3	965	9,460	1,110	10,890	950	5,960
102	4	124.0	11	57.6	38.7	1,050	10,300	1,180	11,570	1,020	6,350
105.5	4 1/8	127.5	11	59.4	39.9	1,110	10,890	1,230	12,060	1,060	6,600
108	4 1/4	130.0	11	62.9	42.3	1,165	11,430	1,310	12,850	1,120	7,000
111.5	4 3/8	133.5	11	67.2	45.2	1,240	12,160	1,395	13,680	1,200	7,480
114	4 1/2	136.0	11	71.1	47.8	1,305	12,800	1,475	14,470	1,270	7,920
118	4 5/8	140.0	11	74.6	50.1	1,390	13,630	1,550	15,200	1,310	8,310
121.5	4 3/4	143.5	11	78.5	52.7	1,465	14,370	1,635	16,030	1,380	8,760
124	4 7/8	146.0	11	82.2	55.2	1,540	15,100	1,710	16,770	1,450	9,190
127	5	149.0	11	86.3	58.0	1,605	15,740	1,800	17,650	1,530	9,670
131	5 1/8	153.0	11	89.3	60.0	1,715	16,820	1,865	18,290	1,550	10,010
133	5 1/4	155.0	11	93.6	62.9	1,755	17,210	1,960	19,220	1,630	10,510
137.5	5 3/8	159.5	11	99.6	66.9	1,865	18,290	2,095	20,550	1,740	11,200
141	5 1/2	163.0	11	104.0	69.9	1,960	19,220	2,195	21,530	1,820	11,730
144	5 5/8	166.0	11	108.0	72.6	2,030	19,910	2,270	22,260	1,880	12,150
146.5	5 3/4	168.5	11	113.0	75.9	2,090	20,500	2,375	23,290	1,970	12,700
147.5	5 7/8	169.5	11	119.0	80.0	2,135	20,940	2,475	24,270	2,060	13,280
153	6	175.0	11	123.0	82.7	2,255	22,120	2,580	25,300	2,150	13,850

Wire-ropes with a higher MBF could be custom designed upon request.
Please contact us if you have any inquiries:
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