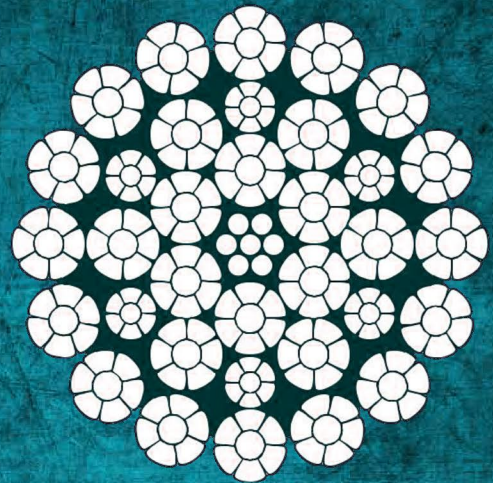


# N2 Hyrope

## 35xK7

### Rotation Resistant Rope



- Rotation resistant
- Fully lubricated
- Plastic infilled option
- High breaking force
- Compacted
- Greater contact area



Anchor & Mooring



Crane



A&R Winch

Rope Nominal Diameter		Approx. Weight in Air		Minimum Breaking Force				Reference information (Approximately)			
				N grade		S grade		Maximum Length	Axial Stiffness	Torque generated at 20% of Nominal Load	Metallic Cross Sectional Area
mm	inches	kg/m	lb/ft	tonnes force	kN	tonnes force	kN				
50.8	2	12.9	8.6	229	2,250	241	2,360	23,200	150	340	1,390
52.0		13.4	9.0	240	2,360	253	2,480	22,300	160	370	1,460
54.0	2 1/8	14.6	9.8	259	2,540	273	2,680	20,500	170	410	1,580
56.0		15.7	10.5	278	2,730	293	2,870	19,100	180	460	1,690
57.2	2 1/4	16.3	10.9	285	2,790	300	2,940	18,400	190	480	1,770
58.0		16.9	11.3	294	2,880	309	3,030	17,700	200	500	1,820
60.3	2 3/8	18.2	12.2	314	3,080	331	3,250	16,400	210	560	1,960
62.0		19.4	13.0	335	3,290	353	3,460	15,400	220	610	2,080
63.5	2 1/2	20.2	13.5	352	3,460	371	3,640	14,800	240	660	2,180
64.0		20.2	13.5	357	3,500	376	3,690	14,800	240	670	2,210
66.0		21.5	14.4	380	3,730	400	3,920	13,900	250	740	2,350
66.7	2 5/8	22.2	14.9	388	3,800	408	4,000	13,500	260	760	2,400
68.0		22.9	15.3	404	3,960	425	4,170	13,100	270	810	2,500
69.9	2 3/4	24.4	16.3	426	4,180	448	4,400	12,200	290	880	2,640
72.0		25.8	17.3	452	4,430	476	4,670	11,600	300	960	2,790
73.0	2 7/8	26.7	17.9	465	4,560	489	4,800	11,200	310	1,000	2,870
74.0		27.4	18.4	478	4,690	503	4,930	10,900	320	1,040	2,950
76.0		29.0	19.4	504	4,940	530	5,200	10,300	340	1,130	3,110
76.2	3	29.0	19.4	504	4,940	530	5,200	10,300	340	1,130	3,110
79.4	3 1/8	31.5	21.1	541	5,310	570	5,590	9,500	370	1,260	3,390
82.0		33.9	22.7	568	5,570	598	5,860	8,800	390	1,370	3,620
82.6	3 1/4	34.1	22.8	568	5,570	598	5,860	8,700	400	1,380	3,670
84.0		34.9	23.4	588	5,770	619	6,070	8,500	410	1,450	3,800
85.7	3 3/8	36.7	24.6	613	6,010	645	6,320	8,100	430	1,540	3,950
88.0		38.4	25.7	646	6,330	679	6,660	7,800	450	1,670	4,170
88.9	3 1/2	39.5	26.5	658	6,450	693	6,790	7,500	460	1,720	4,250
90.0		39.5	26.5	658	6,450	693	6,790	7,500	470	1,740	4,360
92.0		41.3	27.7	686	6,730	722	7,080	7,200	480	1,850	4,560
94.0		43.1	28.9	708	6,940	745	7,310	6,900	500	1,960	4,760
95.3	3 3/4	45.4	30.4	717	7,030	755	7,400	6,600	520	2,010	4,900
96.0		46.4	31.1	729	7,150	767	7,520	6,400	530	2,050	4,970

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