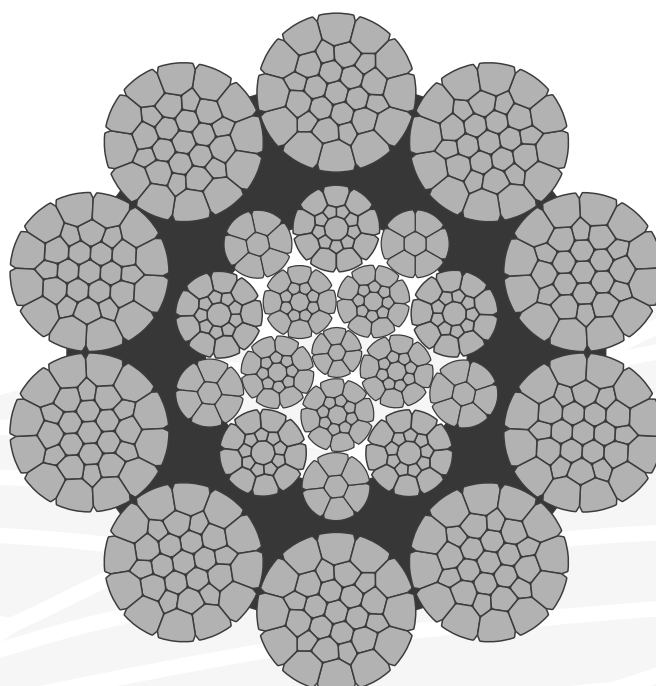


# HMS-ULTRA-CP

## APPLICATION INFORMATION

breaking strength	●●●●●
bending performance	●●●●○
drum crush resistance	●●●○○
abrasion resistance	●●●●○
lateral pressure stability	●●●●○

rotation resistant	no
use with swivel	no
rec. max fleet angle	4,0°
multi layer suited	yes



HIPAC



PLASTGUARD

NON - ROTATION RESISTANT

## ROPE CHARACTERISTICS

The luffing rope for extreme breakload requirements including, but not limited to, dredging lines and in general offshore winch applications. Suited as hoist line in systems using a left and right handed rope and in multi-fall applications with low lifting heights.

<b>construction</b> 10xK31WS-EPIWRC(K)	<b>number of wires</b> 522	<b>load bearing outer wires</b> 310
<b>number of strands</b> 10+IWRC	<b>manufacturing tolerance</b> +2% / +4%	<b>available in</b> regular- / lang lay

Nominal diameter [mm/inch]	Mass weight [kg/100m]	Minimum breaking load	
		1960 N/mm <sup>2</sup> [kN]	2160 N/mm <sup>2</sup> [kN]
1"	318,0	598	659
26	327,0	614	676
27	346,0	651	717
28	372,1	699	771
1-1/8"	389,0	731	806
29	399,7	751	828
30	432,2	812	895
31	460,9	866	955
1-1/4"	490,5	922	1.016
32	490,5	922	1.016
33	522,6	982	1.082
34	554,6	1.042	1.149
1-3/8"	587,3	1.104	1.216
35	587,3	1.104	1.216
36	618,8	1.163	1.282
38	689,8	1.296	1.429
1-1/2"	689,8	1.296	1.429
40	764,3	1.436	1.583
1-5/8"	808,0	1.519	1.674
42	848,1	1.594	1.757
44	922,1	1.733	1.910
1-3/4"	931,5	1.764	1.944
46	1.010,1	1.899	2.092
1-7/8"	1.080,0	2.030	2.238
48	1.105,2	2.077	2.289
50	1.198,6	2.253	2.483
2"	1.241,7	2.341	2.580
52	1.294,6	2.433	2.681
2-1/8"	1.394,8	2.622	2.890
54	1.395,3	2.622	2.890
56	1.495,0	2.810	3.096
2-1/4"	1.554,5	2.922	3.220
58	1.601,2	3.009	3.316
60	1.717,3	3.228	3.557
2-3/8"	1.720,0	3.228	3.557
62	1.833,1	3.445	3.797
2-1/2"	1.920,0	3.614	3.983
64	1.958,3	3.680	4.056
66	2.091,4	3.931	4.332
2-5/8"	2.147,6	4.036	4.448
68	2.213,6	4.160	4.585
2-3/4"	2.342,9	4.403	4.853
70	2.342,9	4.403	4.853
72	2.472,9	4.648	5.122
2-7/8"	2.543,7	4.781	5.269
74	2.607,1	4.900	5.400
76	2.764,1	5.195	5.725

HIGHER DIAMETERS AND BREAKING LOADS ON REQUEST