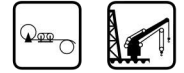
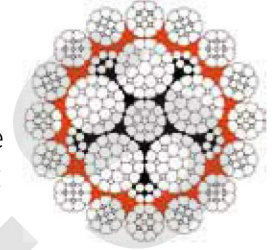


**ROTATION RESISTANT**  
**EVOLUTION**

# EVOLUTION TK18



The **EVOLUTION TK18** is our high-performance rope for large cranes and winches, mainly for the offshore industry which operate under hardest conditions. This rope offers excellent dimensional form stability, high resistance against corrosion and optimal lubrication especially due to the Pro Active Core Lubrication in combination with PLASTFILL™ insert. Best choice for cranes in combination with active heave compensation.



## SPECIFICATIONS

- Ordinary lay or lang's lay, right or left lay
- 16 x K17F - EPIWRC (K), RCN 27
- Pro active lubrication

- MULTILAYER SPOOLING
- SUPERFILL®
- PLASTFILL™



## TECHNICAL DATA

Nominal Ø [mm]	Weight			Minimum breaking force at rope grade			
	In air [kg/m]	In air [lbs/ft]	submerged [kg/m]	1770 N/mm <sup>2</sup>		1960 N/mm <sup>2</sup>	
				[kN]	[lbs]	[kN]	[lbs]
44,45	9,48	6,36	7,89	1.641	368.911	1.817	408.478
46	10,24	6,87	8,54	1.758	395.214	1.960	440.626
48	11,12	7,46	9,27	1.914	430.284	2.119	476.370
50	12,40	8,32	10,39	2.076	466.703	2.299	516.836
50,8	12,98	8,71	10,90	2.143	481.766	2.374	533.696
52	13,61	9,13	11,43	2.246	504.921	2.487	559.100
54	14,48	9,72	12,13	2.422	544.487	2.682	602.938
56	15,28	10,25	12,75	2.605	585.627	2.884	648.349
58	16,80	11,27	14,09	2.794	628.116	3.094	695.559
60	17,92	12,02	15,02	2.990	672.179	3.311	744.342
62	18,90	12,68	15,81	3193	717.815	3536	794.924
64	20,43	13,71	17,13	3.402	764.800	3.767	846.855
66	21,14	14,18	17,63	3.618	813.359	4.006	900.585
68	22,44	15,06	18,72	3.841	863.491	4.253	956.112
70	23,91	16,04	19,97	4.070	914.972	4.507	1.013.214
72	25,40	17,04	21,23	4.306	968.027	4.768	1.071.889
74	26,90	18,05	22,49	4.548	1.022.431	5.037	1.132.363
76	28,07	18,83	23,42	4.798	1.078.633	5.313	1.194.410
78	29,80	20,00	24,90	5.053	1.135.960	5.596	1.258.031
80	31,40	21,07	26,25	5.316	1.195.084	5.887	1.323.450

Other rope diameters are available on request.