

KARAT® MAXI PLUS TAILS

8-STRAND

EuroRope Marine supplies a wide range of KARAT® MAXI PLUS mooring tails to suit different dimensions steel wire mooring ropes. We can offer both single leg TAILS and double leg endless RINGTAILS.

Mooring tails are typically supplied in lengths of 11 m with 2,0 m and 1,0 m covered eyes. Studies performed by OCIMF have indicated tail lengths of 22 m for exposed berths.

Because synthetic ropes are likely to deteriorate more rapidly than wire ropes, tails should be at least 25% stronger than

the steel wire ropes to which they are attached (NOTE: +37% for Nylon). The mooring tails should be inspected frequently and replaced at regular intervals. (18 months as per OCIMF recommendations).

See below tables with MBL for typical dia steel wire mooring ropes construction 6x36WS+IWRC (steel core) tensile 1960 N/mm². The tables also provide strength calculations for selecting suitable dia KARAT® MAXI TAILS or RINGTAILS.



Steel wire rope 6x36WS+IWRC		Required MBL for tail, T	Maxi Plus			Maxi Plus		
Dia. mm	MBL, T		Karat® Dia. mm	Tails MBL, T	Weight kg	Karat® Dia. mm	Ringtails MBL, T	Weight kg
32	72,9	91,1	68	94,5	40	56	105	41
34	82,4	103,0	72	105,3	46	56	105	48
36	92,3	115,4	76	116,0	52	60	119	48
38	103,0	128,8	88	141,1	72	64	135	55
40	114,0	142,5	96	166,9	87	68	151	63
42	126,0	157,5	96	166,9	87	72	168	71
44	138,0	172,5	104	187,0	104	76	186	81

Steel wire rope 6x36WS+IWRC		Required MBL for tail, kN	Maxi Plus			Maxi Plus		
Dia. mm	MBL, kN		Karat® Dia. mm	Tails MBL, kN	Weight kg	Karat® Dia. mm	Ringtails MBL, kN	Weight kg
32	715	894	68	927	40	56	1037	41
34	807	1009	72	1033	46	56	1037	48
36	905	1131	76	1138	52	60	1178	48
38	1010	1263	88	1384	72	64	1332	55
40	1117	1396	96	1637	87	68	1493	63
42	1232	1540	96	1637	87	72	1664	71
44	1352	1690	104	1833	104	76	1833	81