

Marlow® DATASHEET

K.E.R.R/ SNATCH ROPE

The K.E.R.R was designed and developed by Marlow and British forces to provide fast and effective recovery of armoured vehicles. It allows quick and easy deployment for rapid recovery without the need for special vehicles.

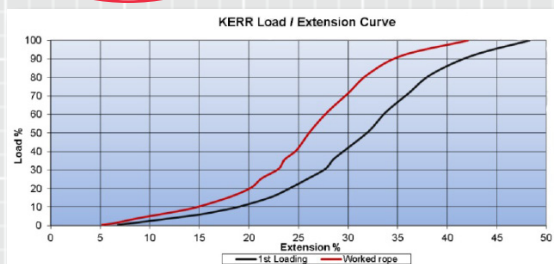


DIAMETER		LENGTH		MASS		MIN SPLICED STRENGTH		GROSS WEIGHT VEHICLE	NSN NUMBER
mm	Inch	m	ft	kg	lb	kg	lb	tonnes	
24	15/16	4.5	15'	2.84	6.3	12030	26500	-	-
24	15/16	8	26'	4.26	9.4	12030	26500	-	-
28	1 3/32	10	33'	7.28	16	15800	34800	3.00-5.50	-
32	1 1/4	12.2	40'	11.31	25	20000	44100	5.51-7.00	4020-99-831-9499
36	1 13/32	12.2	40'	14.4	32	24800	54700	7.00-7.99	-
40	1 9/16	13.7	45'	19.8	42	30000	66100	8.00-11.99	4020-99-832-0800
48	1 7/8	13.7	45'	28.4	63	42000	92600	12.00-15.41	4020-21-902-3218
52	2	13.7	45'	33.2	73	48800	108000	15.50-18.49	-
56	2 1/4	13.7	45'	36	78	56000	123000	18.50-21.99	-
60	2 3/8	13.7	45'	63	103	103	141000	22.00-23.99	-
64	2 1/2	15	49'	50.4	111	72000	159000	24.00-30.99	4020-01-902-1077
68	2 11/16	19	62'	65	143	79000	175000	31.00-43.99	-
72	2 7/8	21	69'	89	197	90000	198000	44.00-54.99	-
80	3 1/8	21	69'	110	260	110000	243000	55.00-65.00	4020-01-210-2154



Key Specifications:

Material:	Nylon
Construction:	Twisted fibre, 8 strand braided
Relative density:	1.14 Exact figure varies with diameter
Chemical Resistance:	Good resistance to most chemical , except acids (additional info available on request)
UV Resistance:	UV stabilised
Melting Point:	220 °C
Terminations:	Spliced Eye termination



ELONGATION

Typical working elongation (for a bedded in a rope):

- @ 10% of break load: 15-19%
- @ 20% of break load: 20-24%
- To break: 42-48%

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ISO 9001

ISO 14001