

DURA-AR PLUS™

Excellent Heat Resistance Aramid & Polyester

Structure: Aramid 12-strand Load-bearing Core & Polyester Braided Jacket

It's a high performance and best rope used for extreme high temperature working condition. It is fatigue and abrasion resistant, with the ability to absorb dynamic loads for long periods of time. The jacket of this construction can be repaired and replaced to offer longer service lifetime.



Features

Specific Gravity: 1.44
 Melting Point: 500/260
 Breaking Elongation: < 3%
 Abrasion Resistance: Very Good
 Chemical Resistance: Very Good
 UV Resistance: Very Good
 Water Absorption: 4%
 Wet-dry Strength Ratio: Dry > Wet

Applications

Lifting Slings
 Fire Mooring Lines
 Winch Lines
 Fiber Optic Cables

Code	Dia		Circ.	Weight		Unspliced MBL		LDBF, Spliced MBL	
	mm	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN
6112112	20	13/16	2-1/2	34.6	23.2	37.2	365	33.5	328
6112114	24	1	3	49.5	33.2	53.8	527	48.4	475
6112116	28	1-1/8	3-1/2	67.1	45.0	73.4	719	66.1	647
6112118	32	1-5/16	4	85.6	57.4	90.0	882	81.0	794
6112119	34	1-11/32	4-1/4	95.8	64.3	95.1	932	85.6	839
6112120	36	1-7/16	4-1/2	106.7	71.6	108.6	1064	98.7	967
6112121	38	1-1/2	4-3/4	116.9	78.4	121.0	1186	108.9	1067
6112122	40	1-5/8	5	126.8	85.1	135.5	1328	122.0	1195
6112123	44	1-3/4	5-1/2	162.2	108.9	161.4	1582	145.3	1424
6112125	48	2	6	189.4	127.2	185.3	1816	166.8	1634
6112126	52	2-1/8	6-1/2	215.0	144.4	213.3	2090	192.0	1881
6112127	56	2-1/4	7	252.9	169.8	245.8	2409	221.2	2168
6112128	60	2-1/2	7-1/2	277.1	186.0	262.4	2572	236.2	2314
6112130	64	2-5/8	8	307.4	206.4	291.0	2852	261.9	2567
6112133	72	3	9	378.6	254.2	374.9	3674	337.4	3307
6112136	80	3-1/4	10	476.6	320.0	454.8	4457	409.3	4011
6112138	88	3-5/8	11	565.1	379.4	553.9	5428	498.5	4885
6112140	96	4	12	689.1	462.6	663.2	6499	596.9	5849

- a. Bespoke diameter and length is available.
- b. ±5% tolerance according to ISO 2307:2010.
- c. LDBF=Line Design Break Force according to OCIMF Mooring Equipment Guidelines 4 (MEG4)



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