

DURA-PES DOUBLE BRAID

High Tenacity Polyester

Structure: Double Braid

Leader among all popular fibers for weatherability characteristics, polyester exhibits excellent abrasion resistance and strength. Good resistance to UV light and most common chemicals. This rope offers excellent gripping properties and a torque-free construction.

Features:

Specific Gravity: 1.38 ~ 1.44g/cm³
Melting Point: 250 ~ 260 °C
Breaking Elongation: 20% ~ 30%
Abrasion Resistance: Very Good
Chemical Resistance: Very Good
UV Resistance: Very Good
Water Absorption: 0.4%
Wet-dry Strength Ratio: Dry ≈ Wet

Applications:

Shock Line
Mooring Line
Lifting Sling



Code	Dia.		Circ.	Weight		Unspliced MBL		Spliced MBL	
	mm	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN
6146091	22	7/8	2-3/4	36.3	24.3	9.8	96	8.8	86
6146101	24	1	3	47.5	31.9	12.7	124	11.4	112
6146111	26	1-1/16	3-1/4	53.6	36.0	14.4	141	12.9	127
6146121	28	1-1/8	3-1/2	60.1	40.3	16.1	158	14.5	142
6146131	30	1-1/4	3-3/4	74.1	49.7	19.8	194	17.8	175
6146141	32	1-5/16	4	81.9	54.9	21.8	214	19.7	193
6146161	36	1-1/2	4-1/2	106.9	71.7	28.2	276	25.3	248
6146181	40	1-5/8	5	125.0	83.8	32.7	320	29.4	288
6146201	44	1-3/4	5-1/2	145.4	97.5	37.6	368	33.8	331
6146221	48	2	6	190.5	127.8	48.8	478	43.9	430
6146241	52	2-1/8	6-1/2	214.3	143.7	54.3	532	48.9	479
6146251	56	2-1/4	7	239.6	160.7	60.0	588	54.0	529
6146261	60	2-1/2	7-1/2	296.1	198.6	73.1	716	65.8	644
6146271	64	2-5/8	8	327.4	219.6	80.4	788	72.4	709
6146281	68	2-3/4	8-1/2	391.4	262.5	95.5	936	86.0	842
6146291	72	3	9	427.1	286.5	103.3	1012	92.9	911
6146311	80	3-1/4	10	520.9	349.4	124.9	1224	112.4	1102
6146331	88	3-5/8	11	623.5	418.2	147.4	1445	132.7	1301
6146351	96	4	12	759.0	509.1	178.5	1749	160.6	1574
6146371	104	4-1/4	13	882.5	591.9	204.2	2001	183.8	1801
6146391	112	4-5/8	14	1014.9	680.7	231.5	2269	208.4	2042
6146411	120	5	15	1187.6	796.6	269.5	2641	242.5	2377

Bespoke diameter and length is available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered as a safe working load.



Lloyd's Register



ClassNK



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