

PR 21 Green Line

Recycled Polyester Rope

PR-21 is an eco-friendly premium rope produced by ROPERS. Made from sustainable rPET materials, PR-21 is designed with outstanding performance in both dry and wet strength, as well as excellent wear resistance. It also features superior shock absorption and UV resistance. Additionally, the rope offers good elasticity, helping to protect vessels from the impact of harsh weather.

Whether sailing or powering, on large vessels or small crafts, this green dock line stands as the ideal choice for your easily docking. PR-21 is equipped with a pre-spliced eye, providing a range of diameters and lengths to accommodate various requirements.



Contains over
55% rPET material,



Non-absorbent,
floating on water



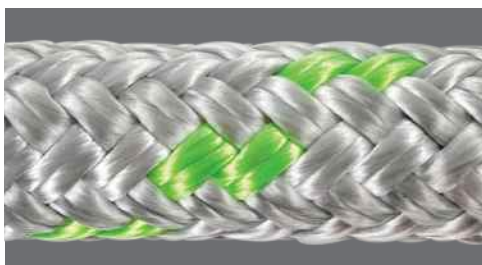
Excellent dry and wet strength



High elasticity with
good shock absorption



Excellent UV resistance



Technical Information

1.38
SPECIFIC GRAVITY

Double Braid
STRUCTURE

9.3%
ELONGATION
AT 50% BREAK

2%
WATER
ABSORPTION

493°F (256°C)
MELTING POINT



Diameter		Weight		Minimum Breaking Strength	
inch	mm	lbs/100ft	kg/100m	lbs	kg
1/4	6	2.4	3.6	2,070	940
5/16	8	3.6	5.4	3,100	1,400
3/8	10	4.8	7.1	4,200	1,900
7/16	11	6.3	9.4	5,500	2,500
1/2	12	8.6	12.8	7,000	3,200
9/16	14	11.1	16.5	9,200	4,200
5/8	16	13.1	19.5	10,600	4,800
3/4	18	18.8	28.0	14,700	6,700
7/8	22	25.6	38.1	20,500	9,300
1	24	33.5	49.9	26,600	12,100
1 1/16	26	38.5	57.3	30,100	13,700
1 1/8	28	42.4	63.1	33,400	15,200
1 1/4	30	52.3	77.8	40,700	18,500
1 5/16	32	57.8	86.0	45,100	20,500
1 1/2	36	75.4	112.2	54,600	24,800
1 5/8	40	88.2	131.3	66,000	30,000
1 3/4	44	103.0	153.3	75,700	34,400
2	48	134.0	199.4	93,500	42,500
2 1/8	52	151.0	224.7	104,700	47,600
2 1/4	56	169.0	251.5	119,700	54,400
2 1/2	60	209.0	311.0	144,100	65,500
2 5/8	64	231.0	343.8	157,100	71,400
2 3/4	68	265.0	394.4	175,800	79,900
3	72	301.0	447.9	202,000	91,800
3 1/4	80	354.0	526.8	248,800	113,100

Diameter, weight and MBS are determined in accordance with CI1500-02. Custom size and length available by request.

