

Portland Braid

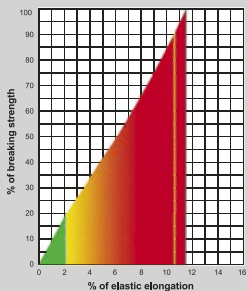
Double Braid



Portland Braid double-braided polyester offers high value at a very competitive price. Built in the same manner as our Double Esterlon, Portland Braid offers consistent performance at an economical price.

The fiber used to produce Portland Braid is sourced from Yale's qualified suppliers. Portland Braid can be special ordered in ultra-long continuous lengths. We also offer our optional Maxijacket urethane coating to further enhance the rope's wear resistance.

Diameter (in)	Spliced Minimum Breaking Strength (lbf)*	Unspliced Minimum Breaking Strength (lbf)**	Average Breaking Strength (lbf)	Weight (lb/100ft)
1/4	1,700	1,800	1,900	2.0
5/16	2,800	3,000	3,200	3.0
3/8	4,300	4,700	4,800	4.2
7/16	6,200	6,800	6,900	5.7
1/2	8,300	9,100	9,300	7.8
9/16	10,000	11,000	11,500	10.0
5/8	13,500	14,500	15,000	13.0
3/4	17,000	18,500	19,000	16.1
7/8	26,000	28,500	29,000	24.6
1	35,500	39,000	39,500	32.8
1-1/8	43,500	47,500	48,500	44.9
1-1/4	52,000	57,000	58,000	50.2
1-1/2	68,000	74,000	76,000	68.0
1-3/4	88,000	96,000	98,000	102.0
2	110,000	120,000	125,000	129.0
2-1/8	130,000	140,000	145,000	149.0
2-1/4	150,000	165,000	170,000	170.0
2-1/2	200,000	220,000	225,000	204.0



Energy Absorption

The colored area under the curve represents the rope's ability to do "work" and is expressed in foot-pounds per pound of rope in tension.

■ Green working 265 ft. lbs./lb.

■ Red ultimate 5,929 ft. lbs./lb.

Dielectric Strength: The maximum allowable leakage for clean, dry Portland Braid is 100 micro-amperes when tested at 100kV per Yale Method 712-1701 Rev 1 "Routine Production Test." Absorbed and entrained moisture or impurities will increase rope's conductivity dramatically.

Approved Splice Technique: #10017200.

Minimum Break Strength

Specific Gravity: 1.38

*Knots and abrupt bends significantly reduce the strength of all ropes and lower maximum working load.

**Working load is based on static or moderately dynamic lifting/ pulling operations. Instantaneous changes in load, up or down, in excess of 10% of the rope's rated working load constitute hazardous shock load and would void the normal working-load recommendation. Consult Yale Cordage for guidelines for working loads and the safe use of rope.