

Large Braits

Plaited 8-Strand



Exceptional tension fatigue and very low elongation. Geometry of the plaited fiber allows more substantial dynamic loads imparted on the rope without compromising longevity.

Larger Nylon Brait	Diameter Inches	Diameter mm	Weight Lbs/100f	Weight Kg/100m	Average Spliced Break Strength* Lbs	Average Spliced Break Strength* Kg	Minimum Spliced Break Strength* Lbs	Minimum Spliced Break Strength* Kg	Maximum Working Load 5:1** Lbs	Maximum Working Load 5:1** Kg
	2	51	100	149	101,000	45,850	90,900	41,265	20,200	9,170
	2-1/4	57	132	197	136,000	61,740	122,400	55,566	27,200	12,348
	2-5/8	67	170	253	173,000	78,540	155,700	70,686	34,600	15,708
	3	76	220	420	215,000	97,610	193,500	87,849	43,000	19,522
	3-1/4	83	282	420	271,000	123,030	243,900	110,727	54,200	24,606
	4	102	402	599	383,000	173,880	344,700	156,492	76,600	34,776
	5	127	604	899	603,000	273,760	542,700	246,384	120,600	54,752
Larger Polyester Brait	Diameter Inches	Diameter mm	Weight Lbs/100f	Weight Kg/100m	Average Spliced Break Strength* Lbs	Average Spliced Break Strength* Kg	Minimum Spliced Break Strength* Lbs	Minimum Spliced Break Strength* Kg	Maximum Working Load 5:1** Lbs	Maximum Working Load 5:1** Kg
	2	51	121	180	101,000	45,850	90,900	41,265	20,200	9,170
	2-1/4	57	160	238	136,000	61,740	122,400	55,566	27,200	12,348
	2-5/8	67	206	307	173,000	78,540	155,700	70,686	34,600	15,708
	3	76	266	396	215,000	97,610	193,500	87,849	43,000	19,522
	3-1/4	83	341	508	271,000	123,030	243,900	110,727	54,200	24,606
	4	102	486	724	383,000	173,880	344,700	156,492	76,600	34,776
	5	127	731	1,089	603,000	273,760	542,700	246,384	120,600	54,752
Larger HMPE Brait	Diameter Inches	Diameter mm	Weight Lbs/100f	Weight Kg/100m	Average Spliced Break Strength* Lbs	Average Spliced Break Strength* Kg	Minimum Spliced Break Strength* Lbs	Minimum Spliced Break Strength* Kg	Maximum Working Load 5:1** Lbs	Maximum Working Load 5:1** Kg
	2	51	75	112	339,000	153,905	305,100	138,515	67,800	30,781
	2-1/4	57	101	150	480,000	217,920	432,000	196,128	96,000	43,584
	2-5/8	67	146	217	627,000	284,655	564,300	256,190	125,400	56,931
	3-1/8	79	176	262	768,000	348,670	691,200	313,803	153,600	69,734
	3-1/2	89	250	372	950,000	431,300	855,000	388,170	190,000	86,260
	4	102	346	515	1,200,000	544,800	1,080,000	490,320	240,000	108,960

*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.