



Hy-Dee Brait

Hy-Dee Brait is an 8-strand bi-polymer rope with extraordinary dielectric properties. The rope is nubby, which provides excellent grip, and treated with a proprietary chemical mixture Yale calls Aralube-dielectric.

This treatment is the key to Hy-Dee Brait's wet dielectric performance and allows us to make the highest dielectric-strength rope commercially available. It is easy to splice with a tucking procedure or by the quick-splice method.

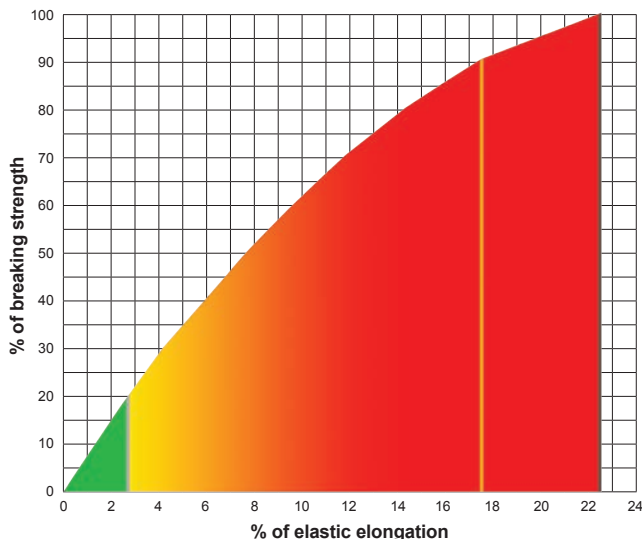
This product is **100% lot tested for dielectric conformance.**

Specifications

Diameter		Average Spliced Break Strength*		Minimum Spliced Break Strength*		Maximum** Working Load 8:1		Weight	
Inches	(mm)	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs/100ft	Kg/100m
3/8	(10)	3,200	1,450	2,880	1,305	400	180	3.3	4.9
1/2	(13)	5,600	2,540	5,040	2,286	700	315	5.6	8.3
9/16	(14)	6,300	2,860	5,670	2,574	788	355	6.4	9.5
5/8	(16)	7,800	3,540	7,020	3,186	975	440	8.0	11.9
3/4	(19)	10,500	4,765	9,450	4,289	1,313	595	11.2	16.7

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

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



Maximum Working Load
 Minimum Break Strength
 Average Break Strength

Specific Gravity: 0.93

Dielectric Strength: Hy-Dee Brait complies to ASTM specification F1701-12 that calls for a maximum leakage of 250 micro-amperes at any time during the **wet test**. Electrodes are 1 foot apart, shielded and the test is conducted at 50KV-AC.

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 116 ft. lbs./lb.
- Red ultimate 12,673 ft. lbs./lb.

Approved Splice Technique: #10018006, #10017302.