



## 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.

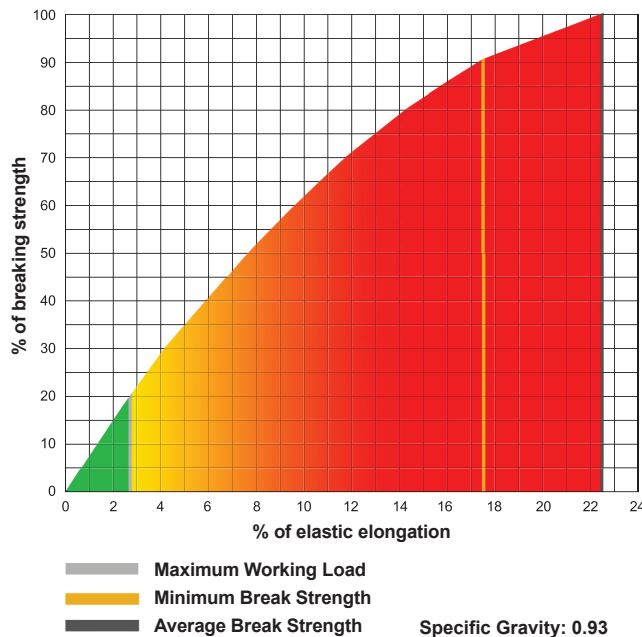
This product is 100% lot tested for dielectric conformance.

### 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.



**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.