Yale produces three major styles of climbing lines, grouped here by their respective number of strands, 16, 12, and 24.

XTC – 16

4

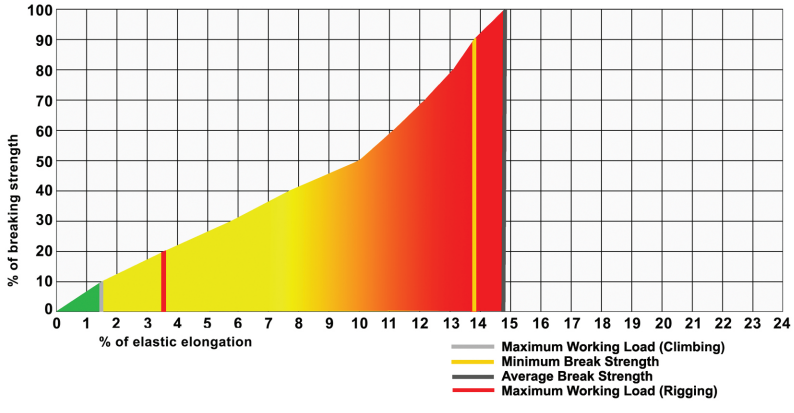
This rope has become our most popular offering. It's braided tightly, has a firm feel due to its highly twisted but torque balanced parallel core. Originally offered in just white, the addition of color has made the rope easier to see in the tree. Done with the best colored fiber available anywhere in the world XTC's color remains vibrant throughout the service life of the rope. XTC-16 in 1/2 diameter, is CE marked, CE 0120 EN1891 Type A.

XTC – 16 Data

Diameter		Strength Avg.		Working Load Climbing / Rigging		Weight	
Inches	mm	lbs	kg	lbs	kg	lbs/100ft	kg/100m
1/2"	12	6,200	2,812	620 / 1240	281 / 562	7.5	11.2
9/16"	14	7,800	3,538	780 / 1560	354 / 708	9.7	14.5
5/8"	16	10,000	4,536	1000 / 2000	454 / 907	10.6	15.8
3/4"	18	12,750	5,783	1275 / 2550	578 / 1157	13.3	19.9

Knotted strength on a bowline is 68% of average.

As a light weight rigging rope it is very firm and round, has excellent snag resistance, excellent wear resistance, and offers the extra confidence of having some strength in the core that is entirely protected from the effects of abrasion.



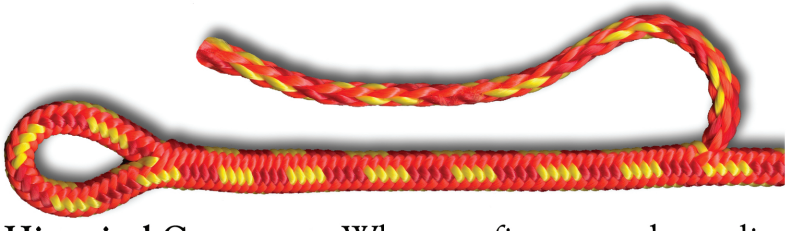
Green working energy absorption 299 ft-lbs/lb
Red ultimate working energy absorption 5029 ft-lbs/lb

Fire, White, Plus, Spearmint

Working load is based on static or moderately dynamic lifting/pulling operations. Instantaneous changes in load, up or down, in excess of 10% of line'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. XTC-16 is made to Yale Cordage Specification #YCI-XTC-022

More XTC info: yalecordage.com

XTC – 16 continued



Historical Comment - When we first started to splice XTC-16 we used a hand splice. We had our share of complaints from customers about flat spots and from our own riggers about how hard this rope was to splice. The problem resulted in the development of our own hydraulically assisted splicing machine, whose original evolution was somewhat flawed. Having underestimated the 1000 pounds we needed to bury the splice our first couple of machine experiments ended up in broken metal bits and pieces. The machine has affectionately been called "the widow maker ever since" but we can assure you its splices are not.

Split Tails

The Davey Tree Expert Company

"Davey has enjoyed a decade-long, positive relationship with Yale Cordage. We go through a rigorous safety approval process when identifying arborist equipment to provide to the field. Yale's ropes and slings are used in many of our operations, and they are well-regarded by our arborists.

Yale also has been supportive of our continuing education and training, which is part of Davey's commitment to safe productivity."

Roy Montan, Davey regional safety specialist and ISA Certified Arborist