

# ARBORIST RIGGING LINES



**YALE**  
CORDAGE

**How to Choose a Rigging Line:** Yale Cordage rigging lines are optimized for application-specific performance. Choosing the correct rigging line is vital for safety and longevity of your rigging system.

**Dynamic Rigging Configurations:** If you anticipate “dropping” a limb or trunk segment and relying on the rigging line to “catch” the load, this is a classic dynamic rigging scenario. The forces exerted on the system by the Log can be as much as 10x the weight of the log. Select rigging ropes with more stretch, high elongation polyester or nylon products, as they are better suited to absorb the energy of a falling object.

**Static Rigging Configurations:** For rigging arrangements where load is applied in a constant and controlled manner, a low stretch, high tensile strength rigging rope will provide more control of the payload. Low stretch ropes have the additional benefit of reduced recoil hazards in the event of rigging failures. Crane removals and pick-off rigging arrangements are examples of static rigging configurations.

**Natural Crotch or Block Rigging:** When block rigging is impractical, use hollow braid products, or products with thick braided jackets, to protect against abrasion. Hollow braids are easier to inspect and present more material on the surface to uniformly “distribute” wear and tear. Conversely, when friction is being managed, double braids can offer performance benefits over hollow braids, offering desired stretch characteristics for more precise load control.

## Optimus 12-Strand 100% Solution Dyed Polyester Hollow Braid

Available Sizes: 3/8" to 7/8"

- Engineered for splice-ability and maximum tensile strength for construction
- 100% solution-dyed polyester is fade resistant
- Clear urethane surface finish provides great wear resistance
- Ideal for fabricating adjustable slings, ultra slings, and dead-eye anchors



## Yalex 12-Strand 100% industrial grade polyester Hollow Braid

Available Sizes: 1/4" - 2"

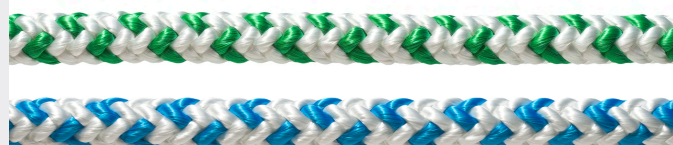
- Economical alternative to premium Optimus
- MaxiJacket coating for rugged abrasion resistance
- Ideal for fabricating adjustable slings, ultra slings, and dead-eye anchors



## XTR-12 12-Strand 100% Polyester Hollow Braid

Available Sizes: 5/8", 3/4"

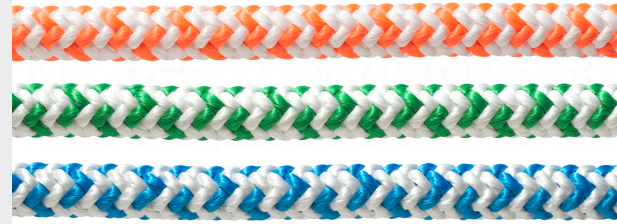
- Purpose-built natural crotch rigging line
- Optimized for durability and flexibility for longest possible service life
- "Tight braid" yields a "nubby" surface finish that requires fewer wraps on a capstan or port-a-wrap and enhances load control



## **XTR-16** 16-Strand 100% polyester Kernmantle with energy absorbing core

Available Sizes: 9/16", 5/8", 3/4

- Designed to work well in Natural Crotch and Friction Managed rigging systems
- Exceptional snag resistance
- Parallel, energy absorbing core helps product to remain round when run in blocks and X-rings
- Excellent energy absorption best suited for use in dynamic loading conditions



## **Polydyne** High elongation Double Braid, Nylon core and durable polyester cover

Available Sizes: 1/4 " to 1-1/2"



- Engineered for the most demanding removals
- Ideal for dynamic removals in conjunction with rigging block
- Superior in enduring shock loading abuse
- Offered with MaxiJacket coating for enhanced abrasion resistance

## **Double Esterlon** High strength 100% industrial grade Polyester Double Braid with low elongation core

Available Sizes: 1/4" to 2"

- Intended specifically for static loads
- Less stretch enhances load control in static rigging configurations
- Ideal for pick-offs, ziplines, and other static pulling arrangements
- Offered with MaxiJacket coating for enhanced abrasion resistance



## **Portland Braid** Economical 100% polyester Double Braid

Available Sizes: 1/4" to 2-5/8"



- Economical alternative to Double Esterlon
- Intended for static loading arrangements
- Low-elongation
- Offered with MaxiJacket coating for enhanced abrasion resistance

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