



YALE
CORDAGE
A SLINGMAX GROUP COMPANY

YaleGrip™

Synthetic Pulling and Stopping Grip

Install a gripping or stopping eye quickly, easily, and securely.

YaleGrip is an outstanding cable-eye attachment that enables secure cable deployment, retrieval, and strain relief.

USES

- Electrical-line construction above and below ground
- Marine towing
- Marine stoppers on hawsers
- Strain relief

INSTALLATION

- Quick and easy—no special tools needed
- On any diameter cable
- Temporary or permanent
- Mid-way or on an end

**Compact • Flexible • Strong • Lightweight
Non-Corrosive • Non-Abrasive • Heat Resistant**

Reinforced Eye with extra braid coated with Maxijacket™ urethane to resist abrasion

Color Coding for easy size ID

Technora® aramid synthetic fiber is high strength, low stretch, heat resistant, lightweight, compact, easy to handle, and rustproof—far stronger than wire mesh, it won't form dangerous "fishhooks," and it's much easier on coated sheaves and hardware

Stainless eye thimble (option) enhances abrasion resistance and handling

Serialized Tag for easy tracking

Legs coated in Maxijacket marine treatment (optional) extend life, especially for towing applications

SIZE SELECTION

Select based on anticipated working load, rather than by cable diameter.

11 Standard Sizes

fit a wide range of cable diameters

Leg lengths can be custom extended to fit cable diameters over 6 inches

A six-leg model is available to more evenly spread compressive force on the cable surface—especially useful in umbilical applications.

Part	Color	Working Load (thousands)		Avg Break Strength (thousands)		Cable Diameter* (minimum—maximum)		Leg Length*		Eye Diameter	
		lb	kg	lb	kg	inches	mm	ft	m	inches	mm
944504T	Red	1.2	.5	6	2.7	$\frac{3}{16}$ – $\frac{1}{2}$	5 – 12	4.5	1.4	$\frac{7}{16}$	11
944505T	Blue	2.4	1.1	12	5.4	$\frac{1}{4}$ – $\frac{3}{4}$	6 – 18	5.5	1.7	$\frac{9}{16}$	14
944506T	Green	3.6	1.6	18	8.1	$\frac{3}{8}$ – $\frac{7}{8}$	9 – 22	6.5	2.0	$\frac{11}{16}$	17
944507T	Orange	6.0	2.7	30	13.6	$\frac{1}{2}$ – 1	12 – 25	8.0	2.4	$\frac{7}{8}$	22
944508T	Yellow	9.6	4.3	48	21.7	$\frac{5}{8}$ – $1\frac{1}{8}$	16 – 28	10.0	3.0	1	24
944509T	Black	14.4	6.5	72	32.6	$\frac{7}{8}$ – $1\frac{3}{4}$	22 – 44	16.0	4.9	$1\frac{1}{4}$	30
944510T	Red	24.0	10.8	120	54.4	$1\frac{1}{8}$ – 3	27 – 76	22.0	6.7	$1\frac{1}{2}$	36
944511T	Blue	36.0	16.3	180	81.6	$1\frac{3}{8}$ – $3\frac{1}{2}$	33 – 90	28.0	8.5	$1\frac{3}{4}$	42
944512T	Green	58.0	26.3	290	131.5	2 – 4	48 – 102	34.0	10.3	2	48
944513T	Orange	73.0	33.1	365	165.5	$3\frac{1}{4}$ – 5	78 – 127	40.0	12.2	$2\frac{1}{4}$	60
944514T	Yellow	90.0	40.8	450	204.1	4 – 6	102 – 152	52.0	15.8	$2\frac{1}{2}$	64

*Extended legs are an option for larger diameters.

Part 10017306

INSTALLATION INSTRUCTIONS

YaleGrip

Follow these instructions for both midway and end-of-cable installation

Tools Needed

Vinyl Electrical Tape

Measuring Tape

CAUTION: Test YaleGrip for your application before field deployment. A YaleGrip may be installed on any material and surface texture, making it impossible to predict gripping performance for every application.

1. Lay the YaleGrip atop and along the length of the cable, anchoring the eye at least two feet from the end of the cable. Tape the eye to the cable to hold it in place during the installation.

Split the legs evenly on either side of the cable (2 per side for 4-leg model; 3 per side for 6-leg).

2. Mark leg-wrap crossover points on the cable, as follows: Mark the first point at 12x the cable diameter away from the base of the eye; mark the second at 11x the cable diameter away from the first point; mark the third at 10x the diameter away from the second point, and so on, reducing the distance to each point by 1x the cable diameter until you reach the last point (1x).

For Example: If the cable diameter is 3", mark the crossover points at the following distances from one cross-over location to the next (see graphic to right for details) 36", 33", 30", 27", 24", 21", 18", 15", 12", 9", 6", and 3".

Important: Mark a minimum of 12 crossover points.

3. Wrap the legs around the cable as follows:

Important: For the best grip, make sure each leg lays flat against the cable surface and doesn't twist as you're wrapping. Maintain tension to minimize any initial settling.

Starting 4-Leg and 6-Leg YaleGrips (Legs 1 & 2)

From the right side of the cable as you face the eye, wrap leg #1 under and then over the cable (clockwise), positioning it over the crossover points each time it wraps over the top of the cable. When leg #1 has been wrapped around covering all crossover points, secure the tail end to the cable with a clove hitch (or tape for a lower profile).

From the left side of the cable, wrap leg #2 under and then over around the cable (counter-clockwise), crossing over leg #1 at each marked point. Secure the tail end with a clove hitch (or tape) just beyond the clove hitch for leg #1.

Completing 4-Leg YaleGrips (Legs 3 & 4)

From the right side of the cable, wrap leg #3 around the cable clockwise, aligning it closely alongside leg #1 beyond the first crossover point. Continue wrapping leg #3, positioning it slightly beyond the cross 2, then slightly beyond the cross 3, and then equidistant between cross 4 and 5, putting a slightly greater distance between leg #3 and leg #1 with each wrap. For the remaining wraps, position leg #3 halfway between the wraps of leg #1, so compressive load is spread over the maximum amount of the cable's surface area. Secure the tail end with a clove hitch (or tape) just beyond the fasten-off for leg #2.

From the left side of the cable, wrap leg #4 around the cable counter-clockwise, using the same positioning as described for leg #3, and fasten off.

Tape over all fasten-offs and free tails to prevent snagging on sheaves and other rigging.

Completing 6-Leg YaleGrips (Legs 5 & 6)

Use the same positioning logic used for the 4-leg installation but, rather than ending up halfway between crossover points 4 and 5, legs #3 and #4 should fall one-third the distance between legs #1 and #2; legs #5 and #6 should fall two-thirds the distance between legs #1 and #2 (so the 3 legs on each side have crossovers spaced in equal thirds).

