ATLANTIC BRAIDS

Hollow Braid - Limb Saver

Strength you can count on!

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SP-00 (0113)

Hollow Braid - Limb Saver™

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24 Strand Hollow Braid, made with Polyester Fibre

Available in several diameters, our Hollow Braid Limb-Saver is used as limb support lines by tree care professionals.
Limb-Saver has a superb knot holding ability and is easy to splice and adjust. When compared to steel support lines, this synthetic line is lighter in weight and easier to work with as virtually no hardware is required.

DIAM.IN Ø "	DIAM.MM Ø MM	FLAT WIDTH 0 "	FLAT WIDTH 0 MM	WT LB/100FT	WT KG/100M	AVG. TENSILE LBS	AVG. TENSILE KG
3/8"	9.5mm	5/8"	15mm	1.9lbs	2.8kg	3,000lbs	1,360kg
1/2"	12.0mm	3/4"	19mm	5.7lbs	8.5kg	6,100lbs	2,770kg
3/4"	19mm	1-3/16"	30mm	7.7lbs	11.5kg	10,200lbs	4,630kg
Technical specifications subject to change without notice.							
Other sizes available upon request, certain sizes may require minimum order quantities.							

Primary Application

- Tree and tree limb support

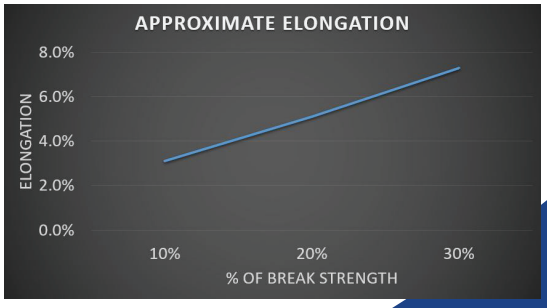
Features & Benefits

- High strength
- Low stretch
- High UV resistance
- Abrasion resistant
- Easy to splice
- Torque free

Fibre Specifications

Specific gravity: 1.38
Melting point: 254 - 260°C | 489 - 500°F
Abrasion resistance: Very Good*
Creep resistance: Good
UV resistance: Very Good*

Resistant to mineral acids
Decomposed by strong sulfuric acids
Decomposed by strong alkalis at high temps.
Resistant to organic solvents / soluble in phenols
*Improved with ABL coating



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CORDAGE INSTITUTE Member

bsi. ISO 9001 Quality Management FM 599458

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This splice is used to form an adjustable support system for tree branches. Made of 100% high tenacity, UV resistant polyester, this hollow braid lays flat against the tree which reduces pressure points and the use of wearpads can allow movement between the rope and wearpad, thereby reducing abrasion against the tree.

Essential items for this splice include…

1. Rope
2. A matching fid
3. Scissors or knife

Optional items include

4. Tape
5. Wearpad

1. Make a mark 30” from the bitter end of the rope, this will be the connection point.
2. Tape the bitter end to prevent fraying

3. Place the end into the back of the tube fid.

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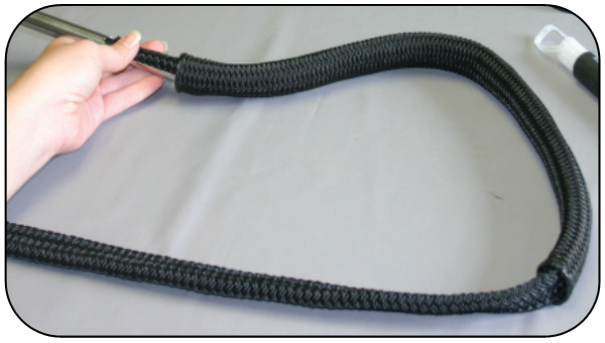
4. Thread the fid through the wearpad.



5. Once through the wearpad, form an eye (loop).

6. Insert the tip of the fid between the strands at the connection point at the opposite end of the wearpad.

7. Work the fid through the hollow center of the rope and exit at one full fid length (21x the diameter of the rope)

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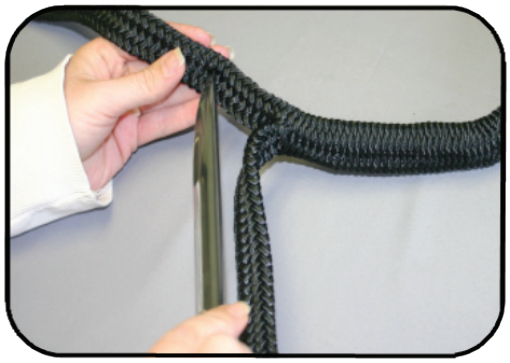
8. Bring the fid completely through the rope.

9. You now have an eye/loop.

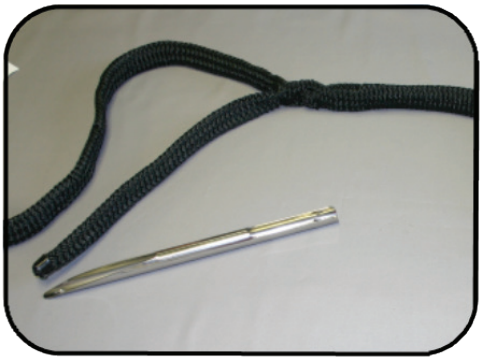


10. To lock the spliced eye in place, reinsert the tip of the fid between the strands and run it through to the other side of the rope.

(A spacing of 2 x the diameter from the exit point will allow the eye to be adjusted more easily in the future.)

11. At a spacing of 2 x the diameter, place the fid into the rope and pass through it as you did in step 10.

12. Draw the fid throught the rope and then repeat the previous step one more time to complete the lock. *(3 pass-throughs in total)*



13. Remove the fid and adjust as needed.

The Adjustable Hollow-Braid Limb-Saver Eye-Splice is complete.

ABL Rope - Quality and Performance

Performance

Atlantic Braids Ltd. has been designing and manufacturing rope for decades.
We specialize in manufacturing braided synthetic cordage, producing over 2,400 variations of our products, all designed with application performance in mind.

Quality

We are an ISO 9001:2015 certified company, this quality management system is in place to ensure that every effort is taken to manufacture and deliver the finest products and services. Manufacturing processes take place in a safe and clean environment with experienced workers using premium raw materials on professional equipment.

Rope Usage & Safety

Always Inspect your rope

Any rope or steel cable will fail if it is worn out. Be sure to visually inspect your cordage before and after every use. While some rope fibres handle certain elements perfectly fine, the following rules generally apply.

- You should always keep your cordage clean
- Protect it from making contact with sharp edges, abrasive surfaces, harsh chemicals and unnecessary prolonged exposure to sunlight.

Rope Specifications & The WLL

Tensile strength is determined by testing done on new cordage under laboratory conditions. NEVER use the nominal/tensile/break-strength listed for a rope or steel cable as the working load limit. A safe WLL (working load limit) is determined by dividing the minimum break strength of a rope by an appropriate design factor (also known as a Safety Factor). For example: A design factor of 10 to 1 means that a rope with a minimum break strength of 30,000lbs will have a WLL of 3,000lbs.
For more information, you can visit our website and consult the Cordage Institute's International Guideline on the "Safer Use of Fibre Rope".

Safe Use

Understanding a specific rope's strengths and weaknesses is an important first step in understanding whether it is suitable for a particular application or not. It is ultimately the responsibility of the end user to take all possible precautions when using a rope. It is also the end user's responsibility to have sufficient knowledge and a complete understanding of the proper techniques required for any specific rope application.
Always put safety first!

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