

foilfeed[®]

FOILFEED[®] H1 FOR HEADSAILS

Introducing the end of chafed luff tapes...



*The only feeding solution
protecting luff tapes from chafe and deterioration,
improving quality, durability and performance
for sailors and sailmakers*



PRODUCT OVERVIEW

www.foilfeed.com

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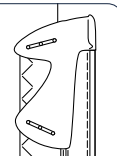
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INTRODUCTION

No more frustrations. No breakdowns or repairs. Just 100% reliable headsail hoists...

*The only solution in the sailmaking industry,
protecting luff tapes from chafe and deterioration,
in one patented innovation*

The luff tape is the weakest part of your headsails

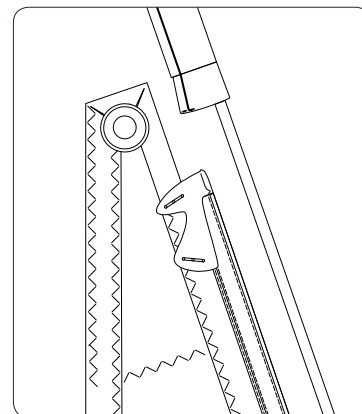
Headsails fed into grooves, whether racing or cruising, will eventually experience an unavoidable chafe to the luff tape that connect the headsail with the forestay, ultimately resulting in breakdown and hence the sail won't hoist.

40 years of deterioration over

The Foilfeed® H1 puts an end to this problem once and for all, by capping the end of the luff tape hence adding protection, strength and reliability to a fragile part of a sail. The unique and patented design represent a solution to what has been a continuous weakness of sails being hoisted in grooves for almost four decades. Now, that problem is over. This is the end of chafed luff tapes!

Foilfeed® on your sail is a sign of quality

Displaying a Foilfeed® on your sail sends a message, that you apply state-of-the-art protection to your luff tape solutions, emphasizing quality, design and durability. It's smart, less cumbersome to keep the headsails in perfect order and there's no way you will be going back to old solutions once you've had a foilfeed® on your luff tapes.



The Foilfeed® H1 shown mounted on a jib with double bolt roped luff tape



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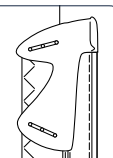
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Plenty of reasons why there's no way you'll go back to yesterdays solutions

- *Protect luff tapes when inserted and functioning in grooves*

Luff tapes are woven material that deteriorate due to twist, chafe and pulling when in use. With a foilfeed® H1 the tape is replaced, covered and protected

- *100% hoisting and feeding reliability*

A Foilfeed® H1 keep the shape time after time, unlike a used and deformed luff tape. This way you can load sails much easier and still rely on it

- *Quality improvement compared to all existing sailmaking standards*

A Foilfeed® H1 is permanent and once mounted, you never look back. Yesterdays solutions relied on taping, stitching and still repairing

- *Mounting by simple sticthing. No damage to the sail*

Mount the Foilfeed® H1 as described in the Installation Guide. Hand stitch with a sailmakers needle and waxed thread and you will have nothing but 6 needle holes

- *Save time and money mounting Foilfeed® H1 on your customers sails*

Sailmakers putting Foilfeed® H1 on their sails will make a profit on the item it self. Eventually they will also save the trouble of both collecting and repairing without pay

- *No ease-out solutions needed*

No special stitching solutions needed to counter the anticipated the chafe problem

- *Easier, safer and faster handling for bowmen*

Bowmen know the situation; Little time to fix all serial operations on the foredeck. The least you want is spend unexpected extra time to feed the headsail due to chafe

- *H1 come in 1 size: For 6 mm rope (single and double)*

Most luff tapes are made with 6 mm rope. Tests have shown that it also works on both 5 and 7 mm, but it entirely depends on the specific setup

- *Made in white Nylon®, UV block and softening solution added*

Foilfeed® H1 is made of a special Nylon® compound, which is a hard - though flexible - durable plastic



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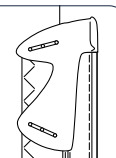
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A simple solution, but sophisticated details make it work for both sailors and sailmakers

8. Groove for stitch protection

Stitches are lowered into a groove, avoiding tear and wear compromising the fixture

1. The feeding fin

This part is the part replaces the weakest part of the luff tape - the edge. Thanks to the durability of the material, this part can be fed on and on and on...

2. The 'projectile'

Will be the fastening part inside the groove, shaped in order to keep feeding as easy and quick as possible

3. Back- and forth feeding feature

Extrusions shorter than the actual luff tape luff will experience a feed back-into-groove-motion, when lowering the sail. The foilfeed® H1 takes care of that

4. The Spike

This part is to be lowered into the center of the rope in order to align perfectly and stabilize the fixture

7. Cover surface for luff tape

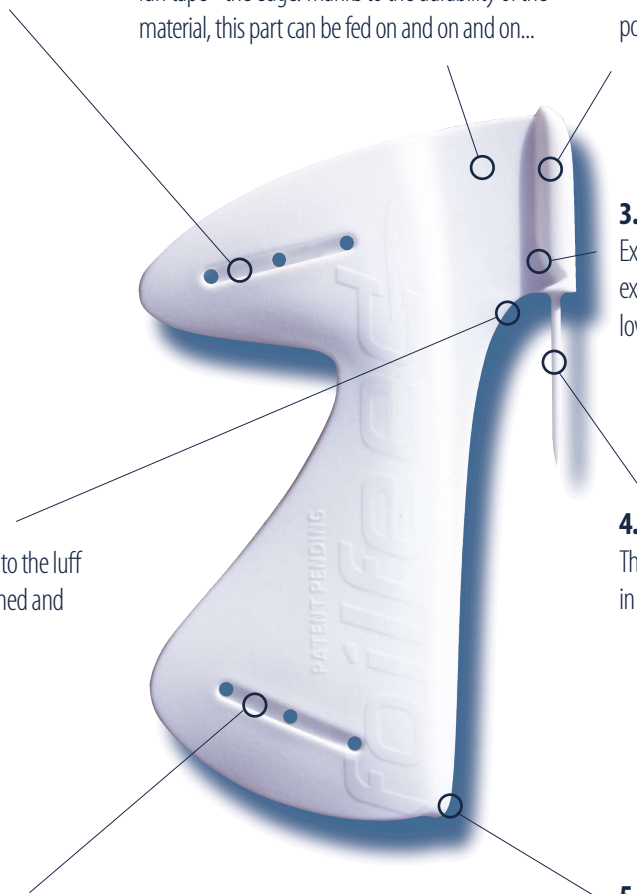
When foilfeed® H1 is being lowered onto the luff tape, the top edge will be covered, aligned and protected by two separated surfaces

6. Groove for stitch protection

Stitches are lowered into a groove, avoiding tear and wear compromising the fixture

5. Front slit

Dividing the Foilfeed® H1 so the luff tape can be placed inside for protection



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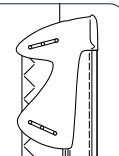
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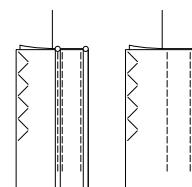
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Mounting the Foilfeed® H1

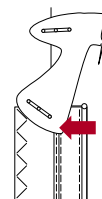
1. Any tape solution. No Ease-out necessary

Foilfeed® H1 can be used on both single- and double roped tapes and is designed specifically for a 6 mm rope diameter. Tests have proven that diameters 5- and 7 mm works too on most setups, though it has to be determined by the individual setup. Just sew the tape onto the headsail without ease-out or any other protective arrangements.



2. Slide tape from bottom up into the Foilfeed® H1

Mount the Foilfeed® H1 gently onto the luff tape from the bottom. The luff tape shall slide in between the foilfeeds center slit. You may want to burn the top edge of the luff tape to help it slide better inside. Check out the 3D PDF above (Key Features) to see it in detail.



3. Slide Foilfeed® H1 firmly down

Slide the Foilfeed® H1 down firmly and position precisely, so the spike is completely lowered into the center of the rope. You may want to pre-poke with an awl or sailmakers needle all 25 mm down in the rope to make the lowering easier. The 'Projectile' and luff tape shall close the edges completely.



Attention: The spike cannot break, but it can be deformed if too much pressure is added while lowering into the rope. This can lead to a more cumbersome installion and shall be avoided. Most reasons causing the spike to stop downways is due to the surrounding luff tape being too tight. Either because there's stitches going through the rope or because the tape is sown on very tight. Make sure to rip up throughgoing stitches and in case you need to ease the rope furthermore, rip up the stitches closing the tape. Use an awl to make room for the spike. You can also drill your way if desired. When the H1 is mounted stitch all the ripped up seams and even sow through the middle of the rope where the spike is lowered.

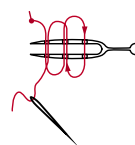
4. Lower spike into rope. Pre-poke the rope...

Slide the Foilfeed® H1 down firmly and position precisely, so the spike is completely lowered into the center of the rope. You have to pre-poke with an awl or sailmakers needle all 25 mm down in the rope to make the lowering easier. The needle is tough, but will likely bend if the lowering is too hard. The 'Projectile' and luff tape shall close their edges completely.



5. Stitch, finish and fly...

Stitch - with a sailmakers needle and waxed thread - both ends of the Foilfeed® H1 in order to lock the position firmly to the sail. Make sure your stitching is tight in order to stabilize the fixture. Your feeding will never be the same again...



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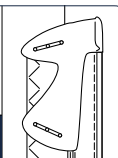
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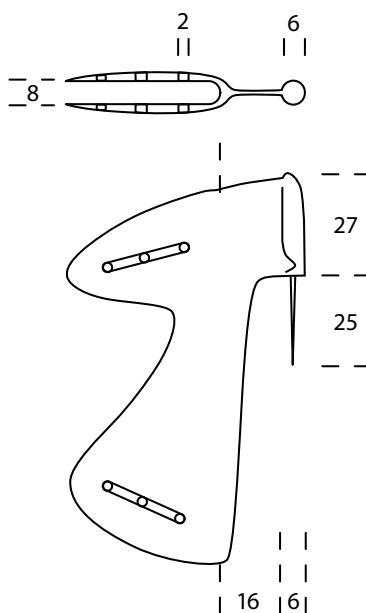
Geometry and design of the Foilfeed® H1

A tough environment with a demand for versatility make it one of the worlds most advanced single moulded plastic items

The Foilfeed® H1 is designed to meet the geometrical requirements of all major suppliers of headsail furlings systems, foil extrusions and grooves, including feeders. Though the H1 is primarily made for 6 mm ropes, it has also proven usable on 5 mm and 7 mm ropes too, though it depends entirely on the actual setup.

The 'projectile' (item advanced into groove) is designed to be inserted both forth and back, meaning that a fully hoisted sail on too short an extrusion, will be able to feed back when lowering the sail again. The spike (pin lowered into the rope) cannot break by either stepping on or by normal handling. It will only bend sideways. Since it is 25 mm long it will not be able to 'jump' out of position.

Attaching Foilfeed® H1 to the sail is done by hand stitching. When tightening and securing the thread the stitching will be lowered into the built-in grooves protecting it from tear and wear of general sail handling.



The Foilfeed® H1 is made of Nylon® is made of a special Nylon® compound, including UV-block and weighs 19 grams.



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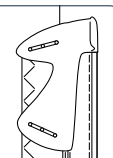
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Just clicks away from putting an end to chafed luff tapes

*The website is governed by two principles:
'Simple and to the point' and 'The more you buy, the cheaper it gets!'*

Sailmakers, sign up for wholesale terms!

As a sailmaker you need to get a profile in order to qualify for wholesale prices and terms. This also brings advantages of being able to buy the product M1 and keep track of your previous purchases.

Comment or join us at Facebook

Read what others have said about Foilfeed® or drop a line, share thoughts and get short info from being a group member. Of course, You can also e-mail us at comments@foilfeed.com.

Read about the products H1 and M1

Everything you need to know about the Foilfeed® products, specifications, materials and mounting. Drop the link to anybody you know who can get rid of their future chafed luff tapes...

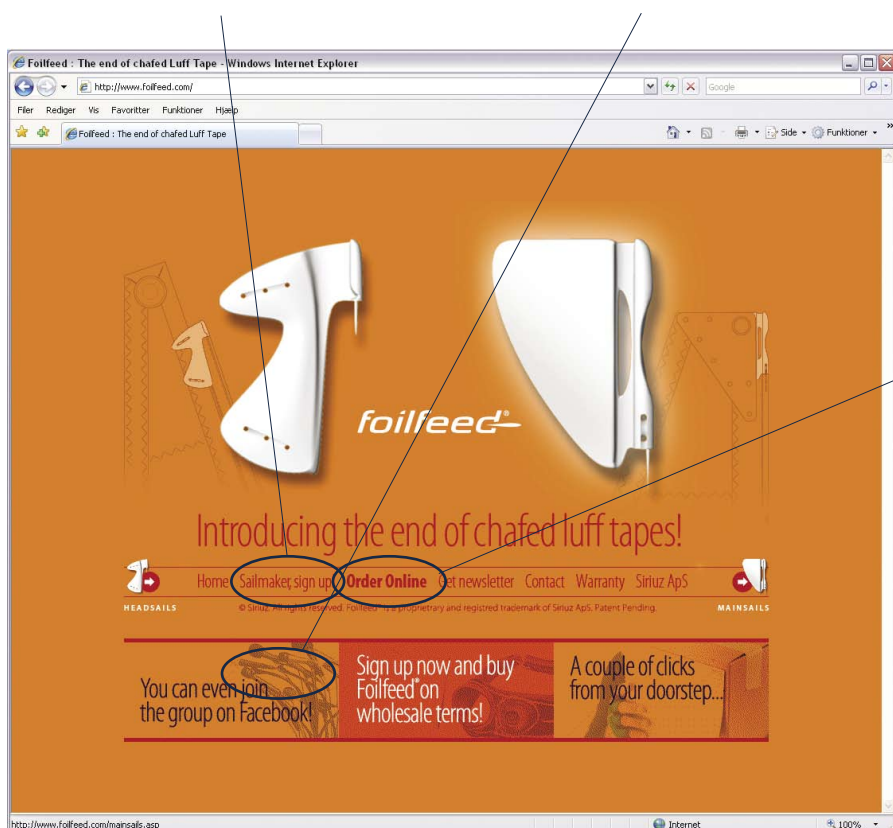
Order at the online shop

Retail and wholesale shopping done in minutes. Shipping worldwide by mail and courier out from Denmark. The shipping costs are added to the invoice varying on quantity and the delivery adress.

Retailers can buy only the H1 (up to 12 items per order). Sailmakers can buy all products at quantities from 10 to 500 of each 4 models. Item prices per unit are adjusted to the quantity of each order. We accept Master, VISA and American Express.

All transactions are secured (SSL-crypted) and the final purchase phase ends with an invoice in PDF format (also submitted to your delivery). Customers with a business profile have a historical list with all previous invoices.

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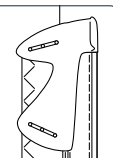
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Post scriptum...

Warranty

The Foilfeed® is warranted against breakage due to defects in material or workmanship for two (2) years from the date of purchase. This warranty is only valid with a proof of purchase from an authorized Foilfeed® dealer. In filing a warranty claim, customers must substantiate and prove the defect in material or workmanship in order to rightfully claim the warranty. Alteration, abuse or misuse of Foilfeed® will void its warranty. Legal rights under applicable national law governing the sale of consumer goods are not affected by this warranty.

Warranty Claim

Customers worldwide shall e-mail the warranty claim and proof of purchase to warranty@foilfeed.com. The warranty covers only substitution of damaged Foilfeed® items and standard shipping costs afflicted hereby.

Website

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Liability

Foilfeed® H1 and M1 are made only for use on sails installed with luff tapes to be hoisted into grooves on sailing yachts. Any other use of Foilfeed® H1 will void both the warranty, responsibility and liability. Foilfeed® cannot be held accountable for any actions from its customers or the consequences from these, while using the Foilfeed®.

Keep Foilfeed® away from infants and kids below 8 years of age.



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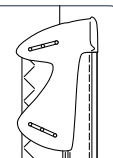
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Now, put an end to your
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Support If you need support on using the web, questions about invoices or other business related matters, please mail to: support@foilfeed.com

Warranty Claim If you have a warranty claim you need to file your claim via this e-mail: warrantyclaim@foilfeed.com

Comments Spread the word, tell us what you think or share your ideas and experiences, mail it to: comments@foilfeed.com

Any other enquiry, that does not fall into the above listed, mail to mail@foilfeed.com

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