

**foilfeed**<sup>®</sup>

FOILFEED<sup>®</sup> M1 FOR MAINSAILS

# 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](http://www.foilfeed.com)

LATEST UPDATE: JANUARY 25, 2010

PAGE 1

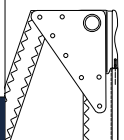
TOTAL OF 9

PATENTED

ALL RIGHTS RESERVED. FOILFEED<sup>®</sup> IS A PROPRIETARY AND REGISTERED TRADEMARK OF SIRIUZ

**M1**

MAINSAILS



# No chafe on luff tape. No repairs. Advanced design saves installing time. Simply 100% reliable...

*The only feeding solution, protecting luff tapes from chafe and deterioration, improving both quality, durability and performance in one single patented innovation*

## The luff tape is the weakest part of your mainsail

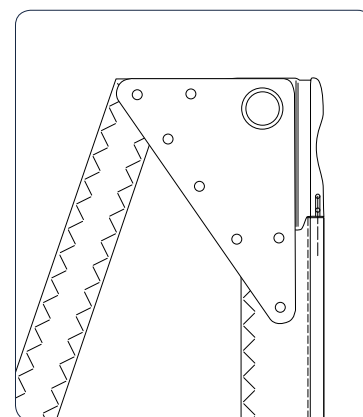
Mainsails fed into grooves – typically racing yachts (From 60 footers, One Design classes to small dinghys) – will eventually experience an unavoidable chafe to the luff tape that connect the mainsail with the mast, ultimately resulting in breakdown and hence the sail won't hoist.

## 40 years of deterioration over

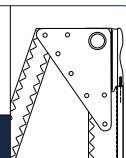
The Foilfeed® M1 puts an end to this problem once and for all, by both capping the end of the luff tape, shielding the mast from a chafing headboard and hence adding protection, strength and reliability to a fragile part of the mainsail. The unique and patented design represent a solution to what has been a continuous weakness of sails being hoisted in grooves for almost four decades. Now, that problem is over...

## 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 mainsails 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® M1 (8mm) shown mounted inside headboard.*



# 10 reasons why yesterdays headboard solutions are now less desirable

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

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

- **Built-in protection between headboard and masts surface when bend out**

A Foilfeed® cover the headboard edges from the mast, avoiding wear and tear of the aluminum or carbon

- **100% hoisting and feeding reliability**

You won't experience chafe, fray or unstable luff edges. The foilfeed® make you feed properly despite cold fingers or rough weather, again and again...

- **Quality improvement compared to all existing sailmaking standards**

With Foilfeed® you replace a lot of fragile solutions (i.e. hand stitched closing of edges) that has proven non-durable over time

- **Lightest and most durable solution in the industry**

The three version of Foilfeed® M1 weighs 15, 19 and 23 grams and last the lifetime of your sail. Most solutions weigh at least 50 gram more. At the top of the mast!

- **Mounting simple, cost-cutting and saves 3-7 manual production routines**

Since a lot of functional features are built-in, you save costly manual routines in production. For som sails we are talking hours of man power...

- **Save time and money mounting Foilfeed® to your mainsails**

Sailmakers putting Foilfeed® on their sails will make a profit on the item it self. Eventually they will also save the trouble of both collecting and repairing

- **M1 come in 3 sizes: 6, 8 and 10 mm bolt rope**

Models made for three rope diameters and variable reinforment widths. All headboard models are useable. Cutouts are the same dimensions though

- **M1 works on all boats, from Europe dinghies to TP 66's**

Make it your standard. You'll cover most of you customers needs, improve your products and make even more profit at the same time

- **Made in white Nylon. UV Block added**

Foilfeed® is made of a special compound based on Nylon®. UV solution have been added to make it even more UV-resistant



## PRODUCT OVERVIEW

[www.foilfeed.com](http://www.foilfeed.com)

LATEST UPDATE: JANUARY 25, 2010

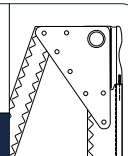
PAGE 3

TOTAL OF 9

PATENTED

# M1

MAINSAILS



ALL RIGHTS RESERVED. FOILFEED® IS A PROPRIETARY AND REGISTERED TRADEMARK OF SIRIUZ

# Sophisticated details and built-in features make it a great improvement for sailmakers

## 9. Fixture surfaces inside headboard s

The surfaces are mounted on the outside of the reinforcement, fixing the Foilfeed® M1. Headboards will be mounted on the outside. The two surfaces phase out in thickness to 0,2 mm on the edges, making the load transition from reinforcement, through the Foilfeed® M1 to the headboard perfectly smooth

## 8. Split control

A typical hole puncher demands some expanding properties by the materials involved (textiles and softer plastics) and Nylon® does not always expand accordingly. Counter measures has been taken by designing a grid of holes to control potential cracks and splits, that will only continue to the nearest hole involved, whatever direction a split may take. The basic functionality of the M1 will therefore be unaffected. It even works as a weight reduction

## 7. Headboard cover rail

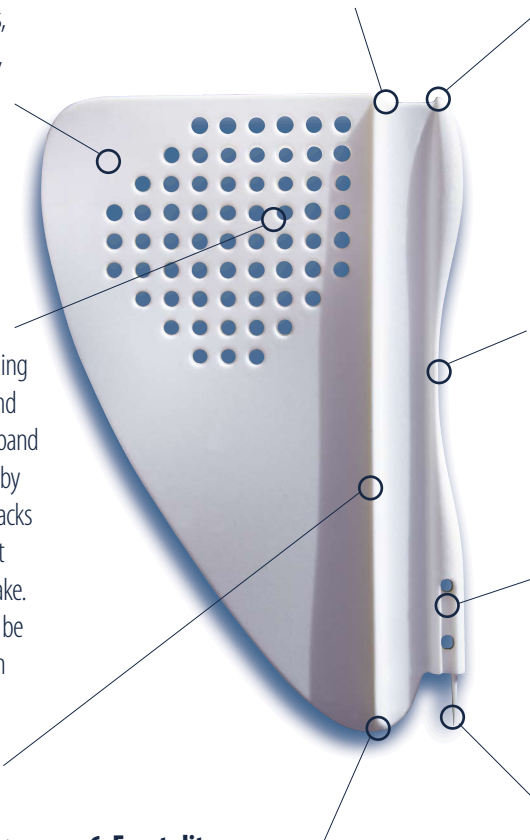
Built-in rails that protect the mast from being eroded by the headboard edges when bend out. Since the Foilfeed® M1 is made of Nylon® it will keep friction at a minimum

## 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'

The connector part inside the groove, shaped in order to keep insertion and feeding as easy and quick as possible. Even with cold fingers!



## 3. Cutouts to lighten Foilfeed® M1

Weight reduction is a key feature, since the Foilfeed® M1 solution is by far the lightest solution in the industry. And nobody wants to put weight aloft unless absolutely necessary. A gram aloft can mean a kilo on deck... The Foilfeed® M1-10 weighs 23 gram; A typical industry solution around 70 gram!

## 4. Groove for stitch and rope fixture

Stitches are lowered into a groove avoiding tear and wear compromising the fixture. The stitching into the rope stabilizes both the Foilfeed® M1 and fixes the rope to keep the desired tension

## 6. Front slit

Dividing the Foilfeed® M1 so the luff tape can be placed inside for protection below cut out

## 5. The Spike

This part is to be lowered into the rope in order to align perfectly



## PRODUCT OVERVIEW

[www.foilfeed.com](http://www.foilfeed.com)

LATEST UPDATE: JANUARY 25, 2010

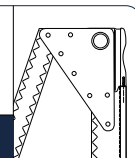
PAGE 4

TOTAL OF 9

PATENTED

**M1**

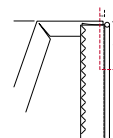
**MAINSAILS**



# Mounting the Foilfeed® M1

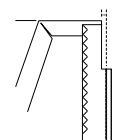
## 1. Determine the final headboard position

Mark the top of your mainsail where you will mount the headboard. This top will also be the top of the Foilfeed® M1.



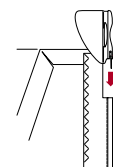
## 2. Make cutout. Same dimensions whether 6, 8 or 10 mm

Measure – from the back of the rope (sail side of rope) – 10 mm in and 100 mm down. Cut this area out. You may want to burn both the edges and the rope.



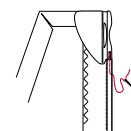
## 3. Slide Foilfeed® M1 firmly down from top

Press the Foilfeed® M1 firmly with its back onto the sail side, so that it is fully supported top to down on the inside of Foilfeed® M1's back. Align the outer rope and the 'projectile with the 'spike' pointing down the center of the rope. You may want to pre-poke the crusted surface of the rope with an awl in case you have burnt it. The 'Projectile' and luff tape shall close the edges completely.



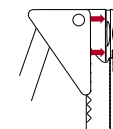
## 4. Lower spike into rope and hand stitch

Stitch – with a sailmakers needle and waxed thread – in order to fix the rope position firmly to the sail. Make sure your stitching is tight in order to both stabilize the fixture and to make it solid for pulling the cunningham and maintaining the desired rope tension.



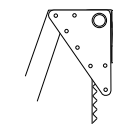
## 5. Place headboard correctly and mark up holes

Press the Foilfeed® M1 back to back with the cutout and place the headboard plate correctly and start marking up for the final hole punching. Line up the top of both Foilfeed® M1 and the headboard vertically. Push the headboard all the way to the built-in mast cover rails (no chafe between headboard and surface of mast).



## 6. Punch holes and assemble headboard

Punch all the holes needed, fix headboard on both sides with rivets or bolts (whatever standard) and press the liner for the halyard. With a foilfeed® M1 your feeding will never be the same...



## PRODUCT OVERVIEW

[www.foilfeed.com](http://www.foilfeed.com)

LATEST UPDATE: JANUARY 25, 2010

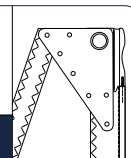
PAGE 5

TOTAL OF 9

PATENTED

**M1**

**MAINSAILS**



ALL RIGHTS RESERVED. FOILFEED® IS A PROPRIETARY AND REGISTERED TRADEMARK OF SIRIUZ

# Geometry and design of the Foilfeed® M1

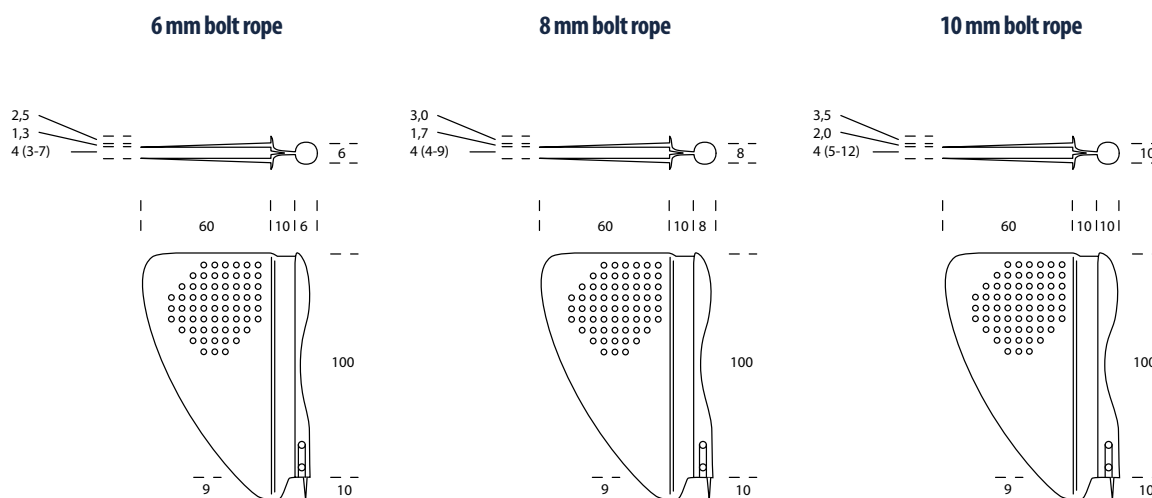
*A fragile part, a tough environment and even out of reach, it takes a complicated fitting to gain the trust of sailors and sailmakers*

The Foilfeed® M1 is designed to solve the old problem with chafing luff tape, improving functionality and at the same time building in some features not found in the existing solutions, saving the sailmakers 3-7 manual routines at the same time.

The 3 variants - made for bolt rope diameters 6 mm, 8 mm and 10 mm - is also expandable at the surfaces underneath the headboard plates, enabling various dimensions of reinforcements to fit inside as desired. Whatever Foilfeed® M1 variant you may choose, the cutout dimensions are the same (10 by 100 mm), so that sailmakers easily can recollect dimensions.

The 10 mm version weighs just about 23 grams making it the lightest solution possible.

The height of the mastcovers keeps headboards of 3 mm thickness clear of masts and due to the material Nylon®, friction is kept at a minimal level.



## PRODUCT OVERVIEW

[www.foilfeed.com](http://www.foilfeed.com)

LATEST UPDATE: JANUARY 25, 2010

PAGE 6

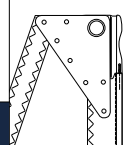
TOTAL OF 9

PATENTED

ALL RIGHTS RESERVED. FOILFEED® IS A PROPRIETARY AND REGISTERED TRADEMARK OF SIRIUZ

**M1**

**MAINSAILS**



# 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](mailto: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...

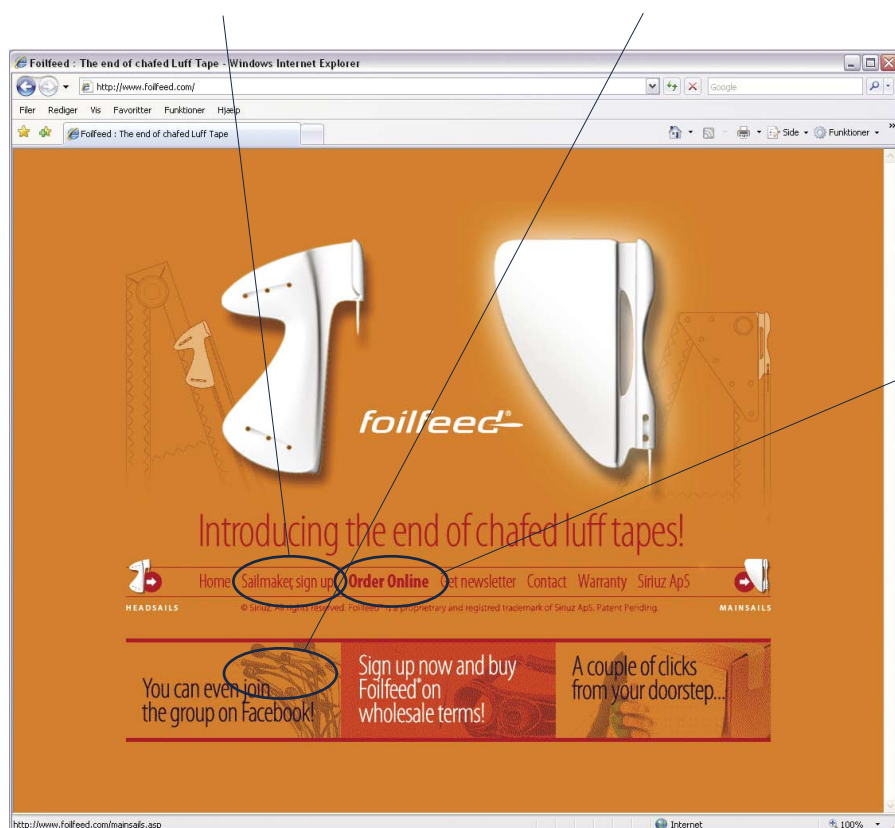
### Order at the online shop

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.

[www.foilfeed.com](http://www.foilfeed.com)



## PRODUCT OVERVIEW

[www.foilfeed.com](http://www.foilfeed.com)

LATEST UPDATE: JANUARY 25, 2010

PAGE 7

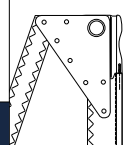
TOTAL OF 9

PATENTED

ALL RIGHTS RESERVED. FOILFEED® IS A PROPRIETARY AND REGISTERED TRADEMARK OF SIRRUZ

**M1**

**MAINSAILS**



# 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](mailto:warranty@foilfeed.com). The warranty covers only substitution of damaged Foilfeed® items and standard shipping costs afflicted hereby.

## Website

We ask that you review the following basic terms that govern the use of the site and the purchasing of products from our site. By using Foilfeed® website you agree to follow and be bound by these terms. These terms may be changed from time to time and your use of the site following any such changes shall confirm your agreement to follow and be bound by the terms as modified.

## Content

All of the content on Foilfeed® website including product images, trademarks, illustrations, designs, icons, photographs, artwork, images, and any video and/or audio materials are copyrights, trademarks, and other intellectual property owned, controlled, exclusively by SiriuZ ApS. and its subsidiaries and affiliates (Foilfeed®). The contents of the Foilfeed® site is intended for the personal non-commercial (aside from purchases by you from our site) used by visitors to the site. You may not copy, reproduce, publish, transmit, or otherwise use any copyrighted or trademarked materials present on this site without prior written consent. This includes using Foilfeed® trademarks for metatags, in hidden text or otherwise using the trademarks for the purposes of gaining a higher ranking from search engines. Foilfeed® retains all rights in its copyrights and trademarks, trade names, brand names, and trade dress depicted on this site. You should be aware that Foilfeed®'s tenacious lawyers will aggressively enforce all these intellectual property rights in the content.

## Linking

Links may be established on Foilfeed® website to those owned by third parties. Foilfeed® does not control any such third party websites and is not responsible for any damages you may suffer from using such third party sites. Linking to Foilfeed®'s website is prohibited without prior written consent.

## Revisions and updates

Foilfeed® may, from time to time, make revisions to its website, and reserves the right to do so without recourse from any user.

## Feedback

Any comments or feedback submitted by users of the website shall be and remain the property of Foilfeed®. Foilfeed® is under no obligation to pay for or respond to any such comments or feedback provided by users.

## Disclaimer

The contents of the Foilfeed® website are provided on an as is basis, without warranty of any kind, neither expressed or implied, including without limitation, warranties of merchant ability or fitness for a particular purpose. You use Foilfeed® site at your own risk and you assume all responsibility. Foilfeed® will not be responsible for any damages you may suffer as a result of your use from this site.

## Controlling law

This site is controlled and operated by SiriuZ ApS, Denmark. These terms of use shall be construed in accordance with the laws of Denmark without regard to any Conflict of Law Provision. Any dispute arising under these terms and conditions shall be subject to the exclusive jurisdiction of a Court located in Denmark.

## 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.**



## PRODUCT OVERVIEW

[www.foilfeed.com](http://www.foilfeed.com)

LATEST UPDATE: JANUARY 25, 2010

PAGE 8

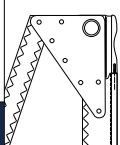
TOTAL OF 9

PATENTED

ALL RIGHTS RESERVED. FOILFEED® IS A PROPRIETARY AND REGISTERED TRADEMARK OF SIRIUZ

**M1**

**MAINSAILS**





**foilfeed**<sup>®</sup>



Now, put an end to your  
chafed luff tapes...

**Support** If you need support on using the web, questions about invoices or other business related matters, please mail to: [support@foilfeed.com](mailto:support@foilfeed.com)

**Warranty Claim** If you have a warranty claim you need to file your claim via this e-mail: [warrantyclaim@foilfeed.com](mailto:warrantyclaim@foilfeed.com)

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

Any other enquiry, that does not fall into the above listed, mail to [mail@foilfeed.com](mailto:mail@foilfeed.com)

Foilfeed<sup>®</sup> is a proprietary registered trademark of Siruz ApS. All rights reserved. Patented. © 2010

Siruz Aps, Stenlandsengen 19, DK-3200 Helsingør. Denmark. Tax ID (Denmark): 32096891. [mail@foilfeed.com](mailto:mail@foilfeed.com)



## PRODUCT OVERVIEW

[www.foilfeed.com](http://www.foilfeed.com)

LATEST UPDATE: JANUARY 25, 2010

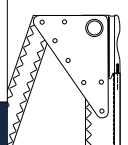
PAGE 9

TOTAL OF 9

PATENTED

M1

MAINSAILS



ALL RIGHTS RESERVED. FOILFEED<sup>®</sup> IS A PROPRIETARY AND REGISTERED TRADEMARK OF SIRIUZ