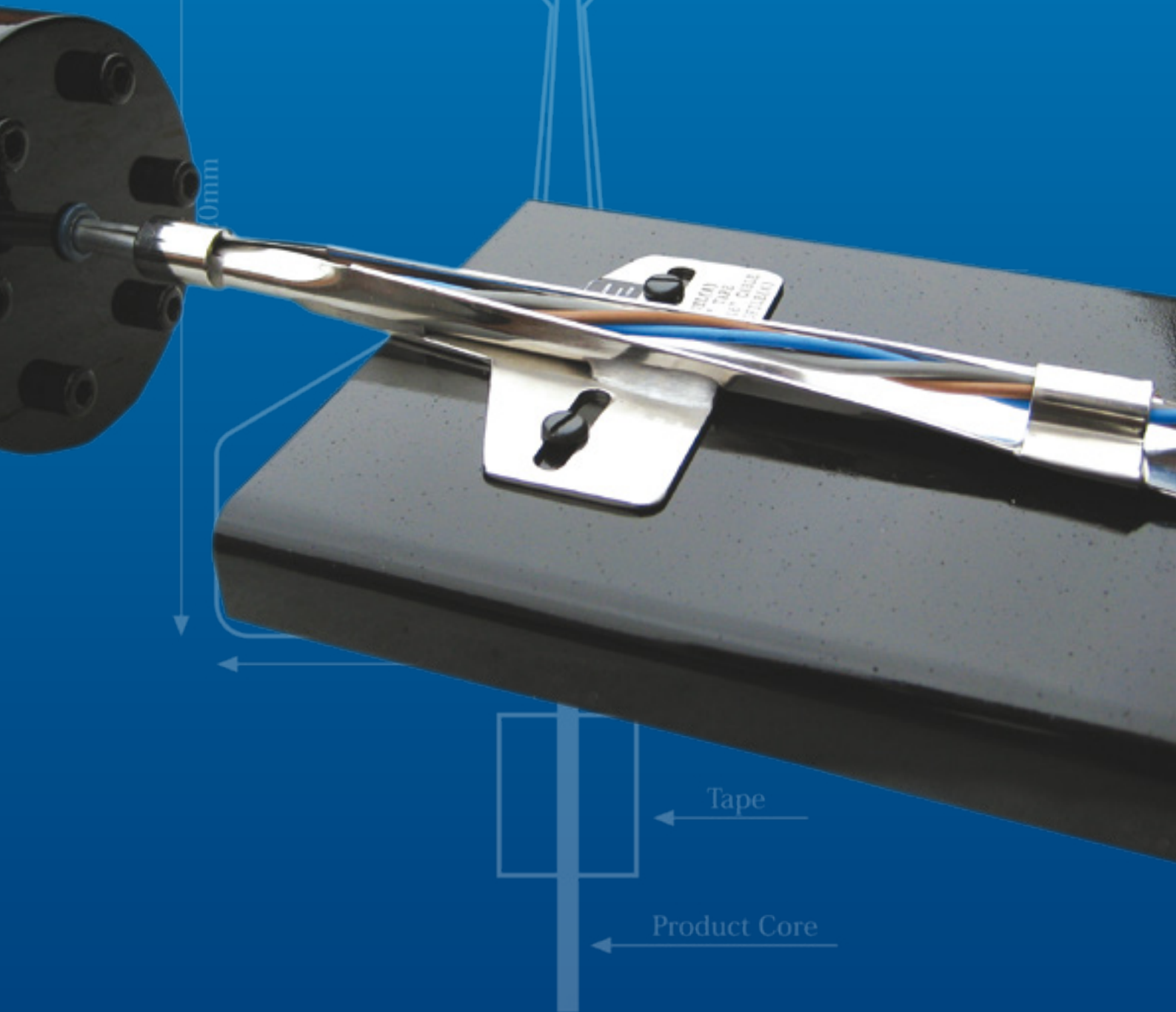


“INVALUABLE TOOL TO ...WRAP AND INSULATE CABLE”



INTRODUCTION

TapeFormers for shielding cable cores

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

Introduction

TapeFormers Ltd is based in the Midlands (UK), in a factory specifically designed for the manufacture of TapeFormers. We have a wide selection of laser cut and pre-machined parts so that on receipt of your order our skilled and experienced team can manufacture a TapeFormer to your specific requirements. Our dedicated team endeavour to manufacture your TapeFormers and have them delivered to you quickly to help you meet deadlines.

You can search through the full selection of standard TapeFormer models we manufacture in this catalogue. We also cater for individual situations should your requirements differ from our standard TapeFormers.

Remember, TapeFormers Ltd are here to help and advise you whenever possible. For general enquiries you can contact us by telephone or email. For a free quotation please contact us with the information as in the enquiry form on page 23.

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General Information



Without TapeFormer folding and creasing can occur...



With TapeFormer, much less risk of folding and creasing...

USED...

To wrap shielding around cable before final jacketing.

CAN...

Insulate all manner of cables including LAN, phone, communication and automotive cable etc.

CAN...

Fold almost all varieties of insulating tape.

ARE...

Manufactured to individual specifications and can be adapted to almost all cable making machinery.

Guarantee

All TapeFormers are manufactured on confirmation of order; we do not hold stock of TapeFormers. It is important that you check your specification/s prior to placing the order as we do not issue credit for items incorrectly ordered. All our products are manufactured to a high standard and we are totally dedicated to supplying you our customer the solution to your TapeForming requirements.

For your peace of mind we offer the following six month guarantee. We guarantee that if any TapeFormer we supply does not operate and form just as you require, we will make alterations or replace it to your total satisfaction, giving you the confidence to buy from us.

MODEL A - STANDARD RANGE

Tape widths ranging from 5mm (3/16 inch) to 24mm (1 inch)

Model A - Diagram



Options Available

1 Exit Options

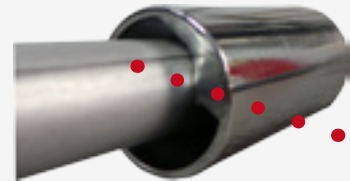
Full Ring Exit
(Standard)



3/4 Exit Ring



Closing Exit
See page 15



No Gap

2 Cable Guide Options

Short Tube Guide
(Standard)

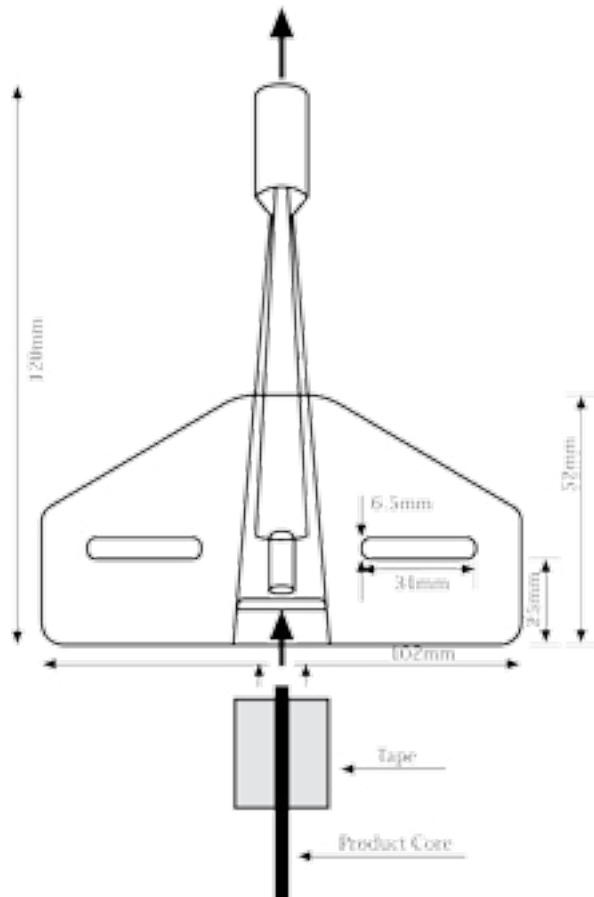


Ceramic Inserts

See page 14 for information on the ceramic inserts



Model A - Dimensions



No Cable Guide



Full Tube Cable Guide



Friction Reduction

PTFE Inserts

See page 14 for information on the PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/ptfe



MODEL A XL - EXTRA LONG RANGE

Tape widths ranging from 5mm (3/16 inch) +

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

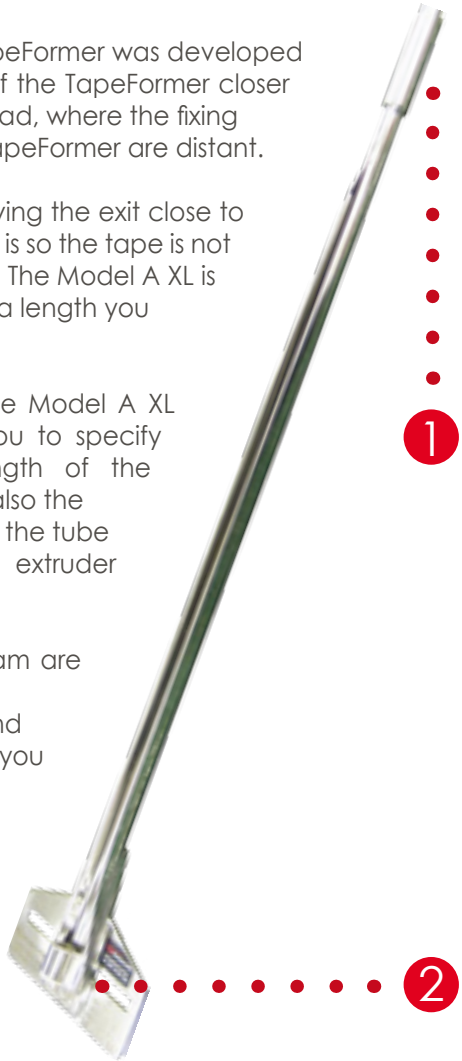
Model A XL - Information

The extra long TapeFormer was developed to bring the exit of the TapeFormer closer to the extruder head, where the fixing positions for the TapeFormer are distant.

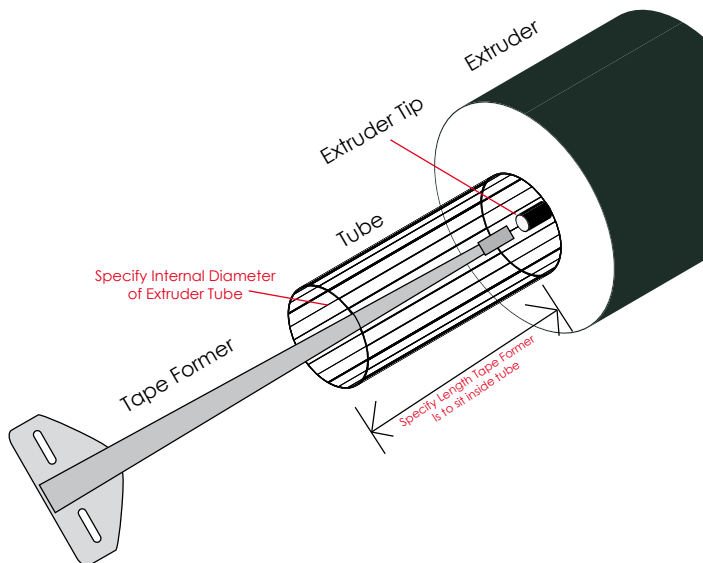
The reason for having the exit close to the extruder head is so the tape is not allowed to unfold. The Model A XL is manufactured to a length you specify.

When ordering the Model A XL we will require you to specify the required length of the TapeFormer and also the inside diameter of the tube leading into the extruder head.

Our Technical Team are able to give you specific advice and guidance should you require support in specifying the correct TapeFormer for your application.



Model A XL - Example Diagram



Options Available

1 Exit Options

Full Ring Exit (Standard)

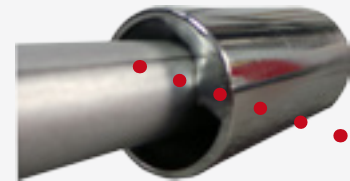


3/4 Exit Ring



Closing Exit

See page 15



No Gap

2 Cable Guide Options

Standard Short Tube Guide



Ceramic Inserts

See page 14 for information on the ceramic inserts



No Cable Guide



Full Tube Cable Guide



Friction Reduction

PTFE Inserts

See page 14 for information on the PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/ptfe



MODEL B - STANDARD RANGE

Tape widths ranging from 25mm (1 inch) to 37mm (1 ½ inch)

Model B - Diagram



Options Available

1 Exit Options

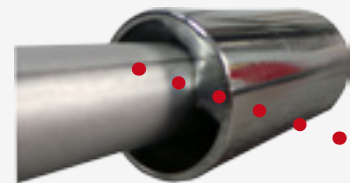
Full Ring Exit
(Standard)



3/4 Exit Ring



Closing Exit
See page 15



No Gap

2 Cable Guide Options

Standard Short Tube
Guide

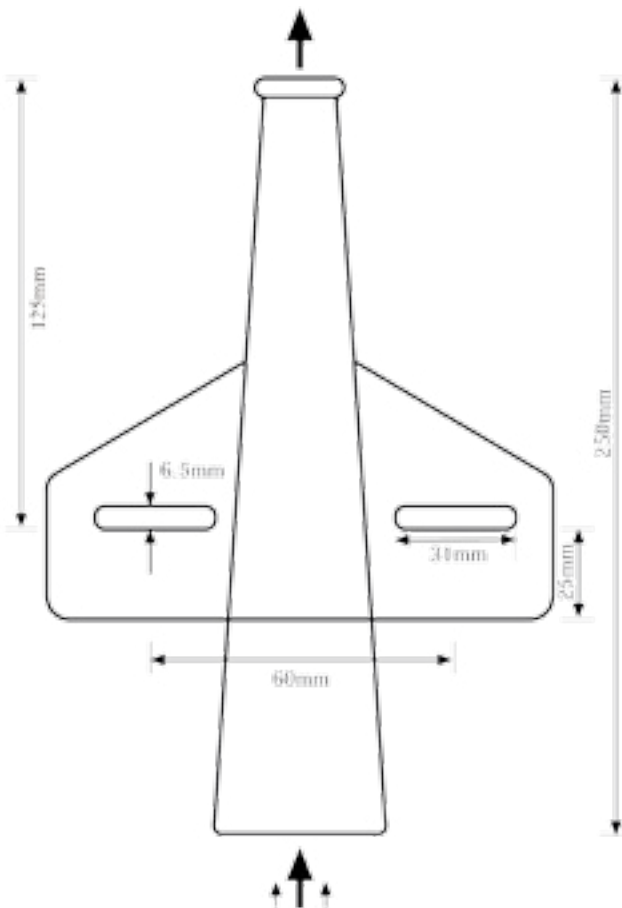


Ceramic
Inserts

See page 14 for
information on the
ceramic
inserts



Model B - Dimensions



No Cable Guide



Full Tube Cable Guide



Friction Reduction

PTFE Inserts

See page 14 for information on the
PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/ptfe



MODEL C - STANDARD RANGE

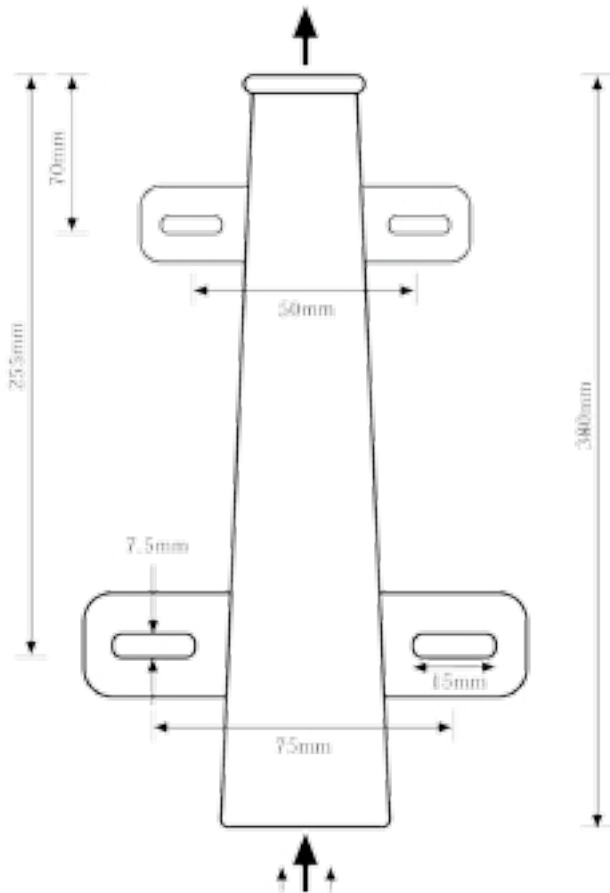
Tape widths ranging from 38mm (1 1/2 inch) to 50mm (2 inch)

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

Model C - Diagram



Model C - Dimensions



Options Available

1 Exit Options

Standard Full Ring Exit

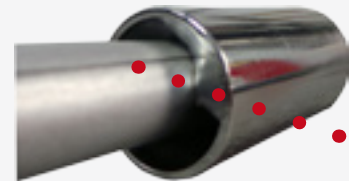


3/4 Exit Ring



Closing Exit

See page 15



No Gap

2 Cable Guide Options

Standard Short Tube Guide



Ceramic Inserts

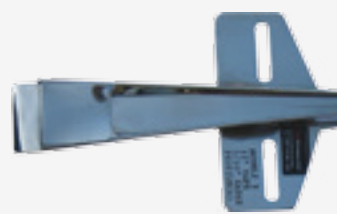
See page 14 for information on the ceramic inserts



Full Tube Cable Guide



No Cable Guide



No Cable Guide or Guide Plate



Friction Reduction

PTFE Inserts

See page 14 for information on the PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/ptfe



MODEL D - STANDARD RANGE

Tape widths ranging from 51mm (2 inch) to 75mm (3 inch)

Model D - Diagram



Options Available

1 Exit Options

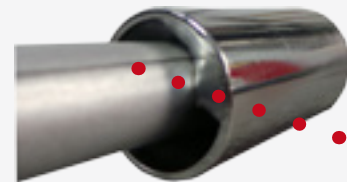
3/4 Exit Ring (Standard)



Spring Exit
See page 15



Closing Exit
See page 15



• No Gap

2 Cable Guide Options

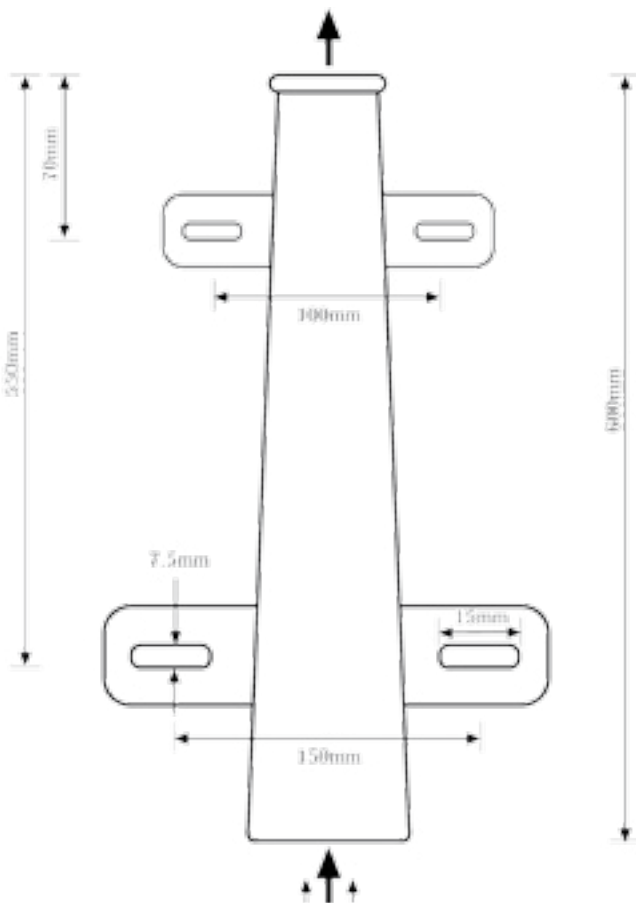
Standard Short Tube Guide



Ceramic Inserts
See page 14 for information on the ceramic inserts



Model D - Dimensions



Full Tube Cable Guide



No Cable Guide



No Cable Guide or Guide Plate



Friction Reduction

PTFE Inserts

See page 14 for information on the PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/ptfe



MODEL E - STANDARD RANGE

Tape widths ranging from 76mm (3 inch) to 99mm (4 inch)

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

Model E - Diagram



Options Available

1 Exit Options

3/4 Exit Ring (Standard)



Spring Exit
See page 15



2 Cable Guide Options

Full Tube Cable Guide



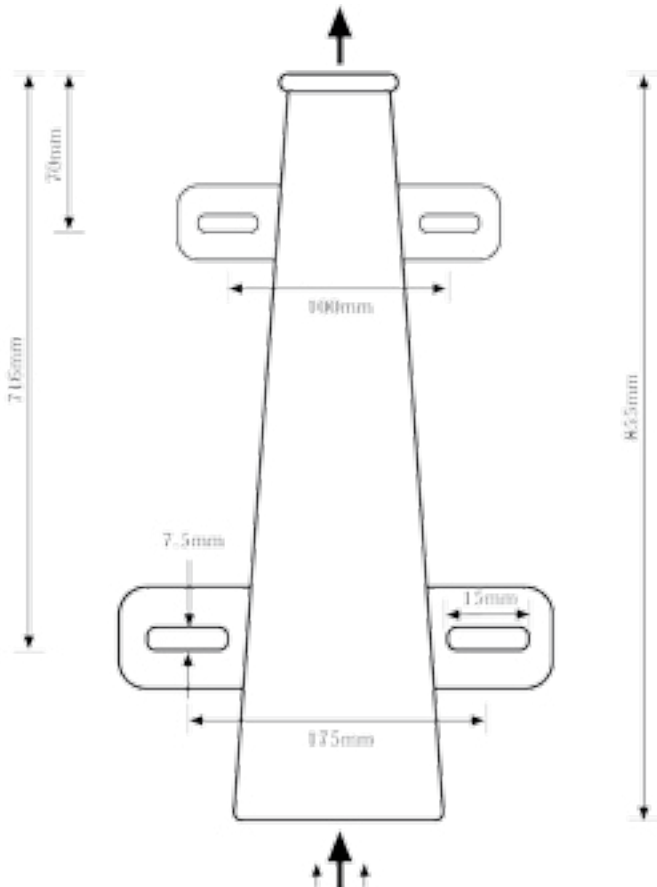
No Cable Guide (Standard)



No Cable Guide or Guide Plate



Model E - Dimensions



Friction Reduction

PTFE Inserts

See page 14 for information on the PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/ptfe



MODEL F - STANDARD RANGE

Tape widths ranging from 100mm (4 inch) to 130mm (5 inch)

Model F - Diagram



Options Available

1 Exit Options

3/4 Exit Ring (Standard)



Spring Exit
See page 15



2 Cable Guide Options

Full Tube Cable Guide



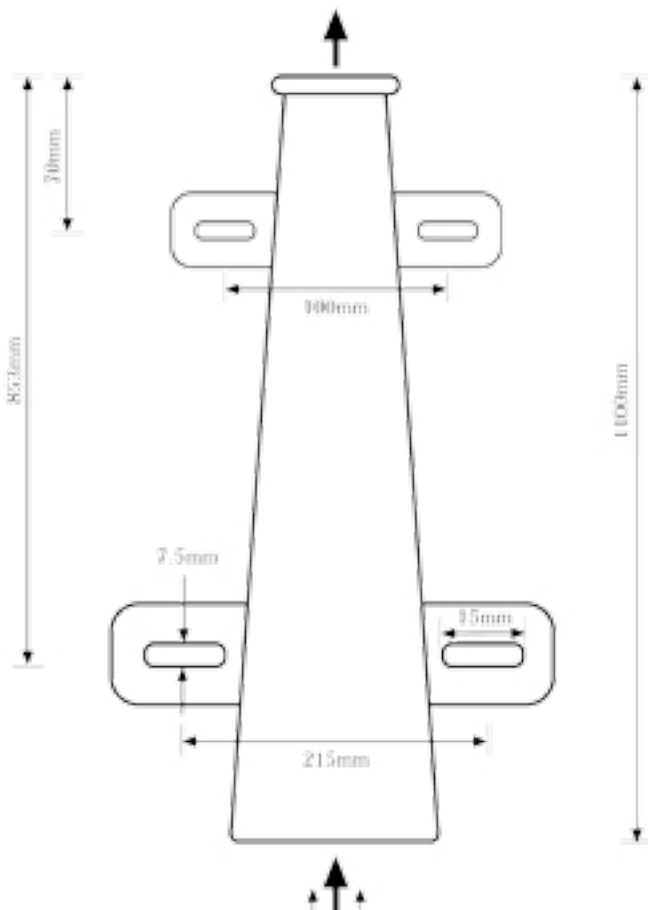
No Cable Guide (Standard)



No Cable Guide or Guide Plate



Model F - Dimensions



Friction Reduction

PTFE Inserts

See page 14 for information on the PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/pfte



MODEL G - STANDARD RANGE

Tape widths ranging from 131mm (5 inch) to 210mm (8 3/8 inch)

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

Model G - Diagram



Options Available

1 Exit Options

Spring Exit
(Standard)



See page 15

3/4 Exit Ring

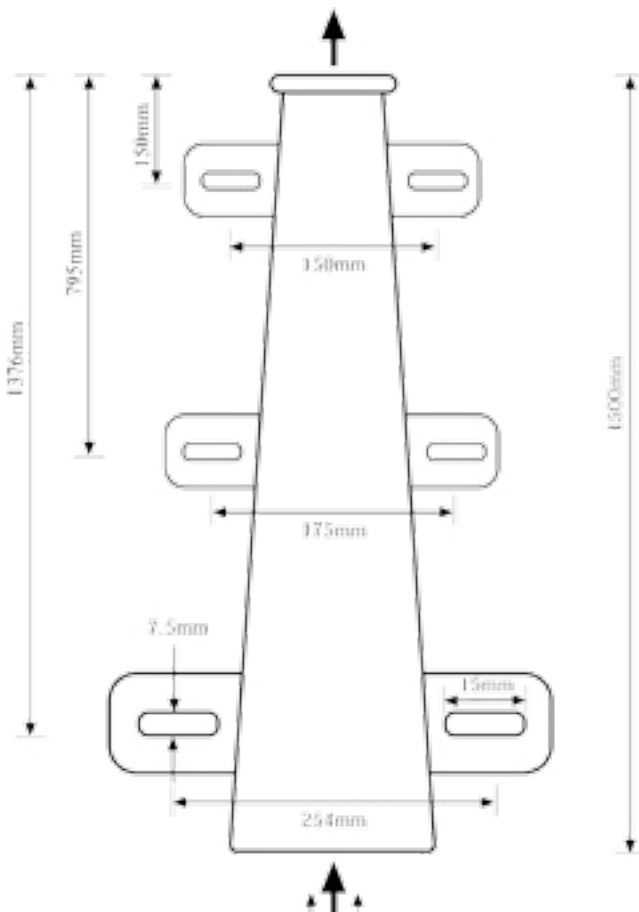


2 Cable Guide Options

Full Tube Cable Guide



Model G - Dimensions



No Cable Guide (Standard)



No Cable Guide or Guide Plate



Friction Reduction

PTFE Inserts

See page 14 for information on the PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/ptfe



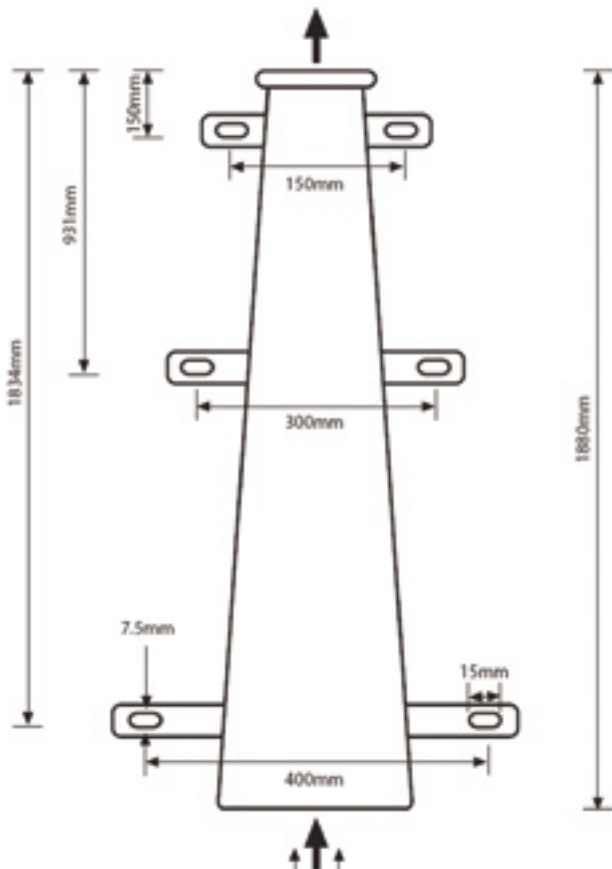
MODEL H - STANDARD RANGE

Tape widths ranging from 211mm (8 5/16 inch) to 310mm (12 3/16 inch)

Model H - Diagram



Model H - Dimensions



Options Available

1 Exit Options

Spring Exit
(Standard)



See page 15

3/4 Exit Ring



2 Cable Guide Options

Full Tube Cable Guide



No Cable Guide (Standard)



No Cable
Guide or
Guide Plate



Friction Reduction

PTFE Inserts

See page 14 for information on the PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/ptfe



MODEL I - STANDARD RANGE

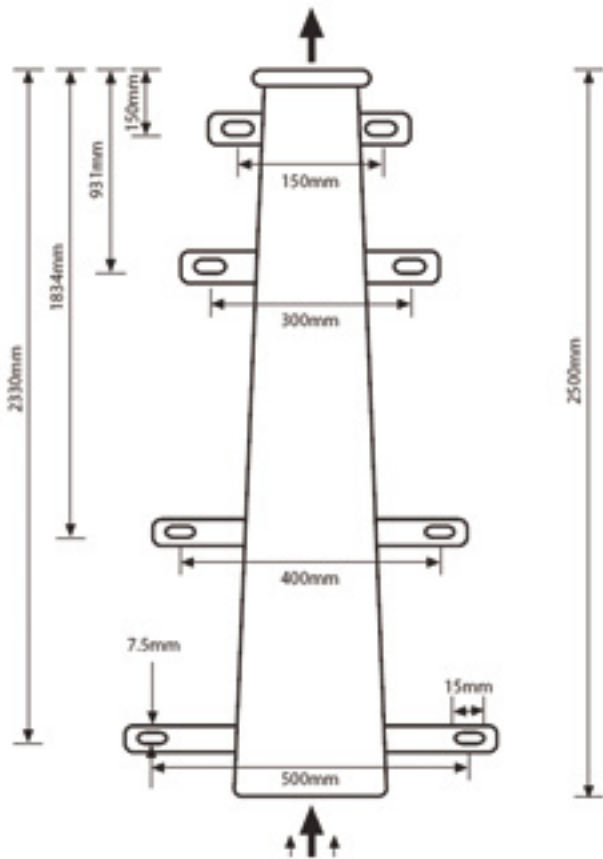
Tape widths ranging from 311mm (12 1/4 inch) to 480mm (18 7/8 inch)

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

Model I - Diagram



Model I - Dimensions



Options Available

1 Exit Options

Spring Exit
(Standard)



See page 15

Exit Ring 3/4



2 Cable Guide Options

Full Tube Cable Guide



No Cable Guide (Standard)



No Cable
Guide or
Guide Plate



Friction Reduction

PTFE Inserts

See page 14 for information on the PTFE insert.

To view our PTFE video visit:
www.tapeformers.com/ptfe

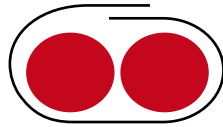


FORMING PROFILES

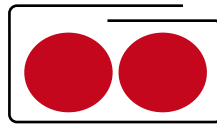
TapeForming Profiles to suit any application



Profile A



Profile B



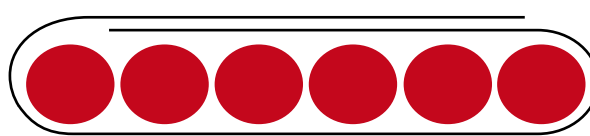
Profile C



Profile D



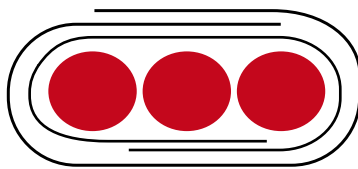
Profile E



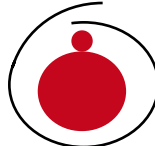
Profile F



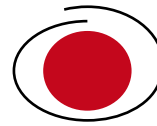
Profile G



Profile H



Profile I



Profile X



Profile S
(1 Down)



Profile S
(1 Up)



Profile S
(2 Down)



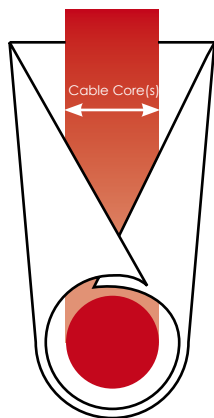
Profile S
(2 Up)

This is Standard Overlap Wrap Directions

Cable and Tape entrance

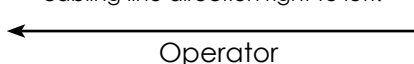
Cable and Tape entrance

Profile A



Exit of TapeFormer,
Wrap direction advice:
cabling line direction right to left.

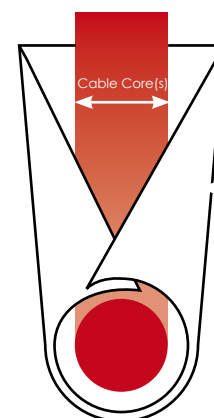
Takeup



Operator

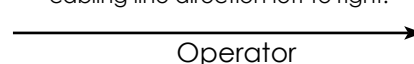
Payoff

Profile X



Exit of TapeFormer,
Wrap direction advice:
cabling line direction left to right.

Payoff



Operator

Takeup

REPLACEABLE PTFE INSERT

Friction Reduction System - Extending Life and Reliability

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

How it Works

- The PTFE insert provides a very low friction barrier between the tape passing through the TapeFormer and the stainless steel of the Tape Former.
- Available on all TapeFormers. These TapeFormers are manufactured with more clearance to accept the PTFE insert.
- Most effective on tape thickness 0.2mm and thicker.
- Useful when the tape is used metal facing outwards.

Benefits include:

- Greatly reduced friction of the tape passing through the TapeFormer.
- When using metalised tape scoring is prevented because there is no longer a metal to metal contact.
- Because the insert is replaceable once the PTFE is worn out simply replace with a new one.
- Reduced breakages of the tape due to friction.



CERAMIC INSERT

Reducing wear on the cable guide - Extending Life and Reliability

How it Works Ceramic Insert

- The purpose of the ceramic insert is to reduce wear of the initial cable guide.
- Useful when the cable is bare metal or covered with a braiding.
- Available on models A to D.

Benefits include:

- Longer cable guide life.

Ceramic Insert



SPRING EXIT OPTION

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

How it Works Spring Exit

- The Spring exit option is available on Model D, E, F, G, H, I.

Spring exit features:

- Ability to adjust the exit diameter of the TapeFormer by small fine adjustment amounts.
- Adjustment of the spring pressure.
- Availability of different springs lengths.

Benefits include:

- A constant pressure is applied to the cable maintaining a tight wrap.
- The Spring allows for small changes in the cable diameter while maintaining a good tape wrap.

Spring Exit



CLOSING EXIT OPTION

How it Works Closing Exit

- The top overlap is closed down resulting in no gap.

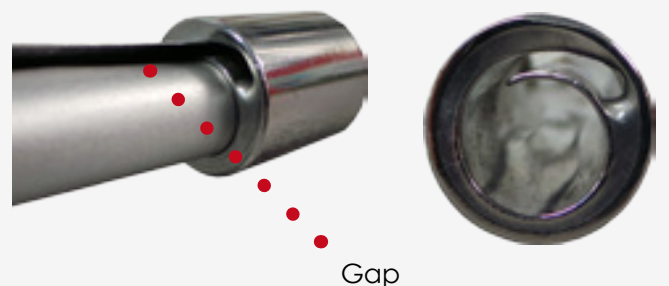
Benefits include:

- Tightly wrapped tape.
- Less likely to require closing dies.

Closed Exit



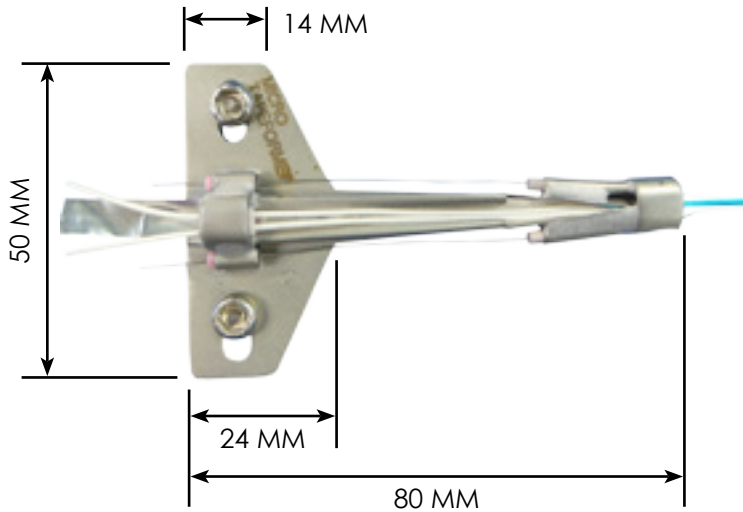
Showing the difference - This is the Standard Exit



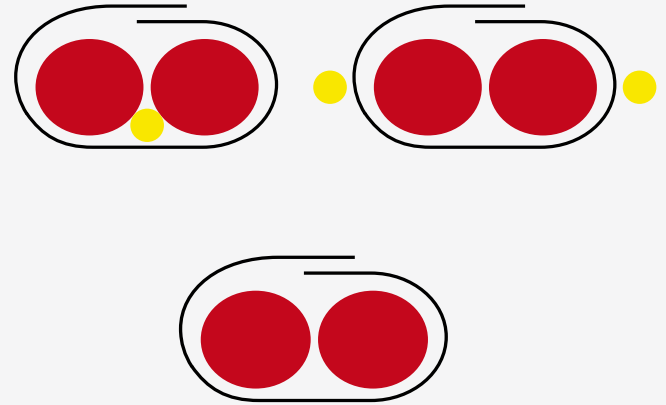
MICRO TAPEFORMERS

Micro TapeFormer

Tape widths 4mm up to 12mm.
Cable diameters 0.7mm up to 3mm+



Micro TapeFormer Profiles



LAN TWIST TAPEFORMERS

How it Works

- TapeFormer designed to be mounted in a holder. Uses the closing exit to make a tight wrap of the tape around the individual bunches prior to twisting.

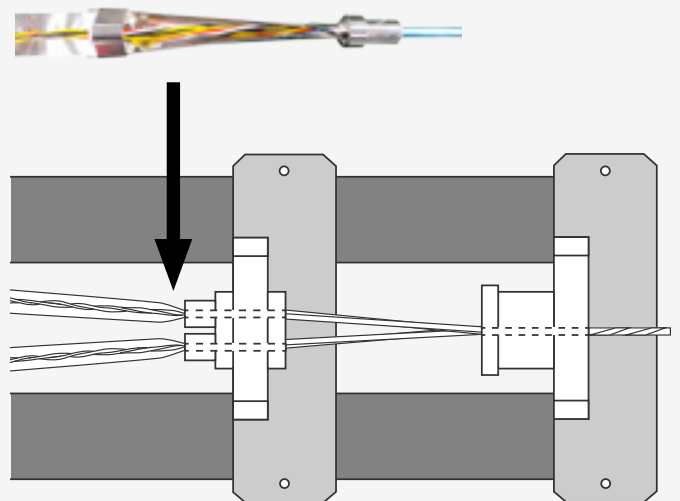
Benefits include:

- Guaranteed tape overlap direction.
- Better tape control.
- Tight tape form around the cable.
- Greatly reduced friction.

Tape wrap direction advice:

- Cable Z Lay = Profile A
- Cable S Lay = Profile X

Lan Twist TapeFormer

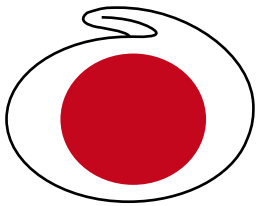


PROFILE G TAPEFORMERS

Profile G

Profile G TapeFormer interlocks the tape so once formed it is unable to unfold.

This was developed for fire retardant cables, when the plastic outer sheathing is burnt away the remaining tape is unable to open up protecting the cables inside. It can also be used to prevent water ingress.



Profile G

Profile G Diagram



PROFILE S TAPEFORMERS

Profile S

The profile S TapeFormer folds one edge of the tape back on itself.

This is commonly done to allow a connection between the conducting sides of the tape.



Profile S
(1 Down)



Profile S
(1 Up)



Profile S
(2 Down)



Profile S
(2 Up)

Profile S Diagram



PROFILE E TAPEFORMERS

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

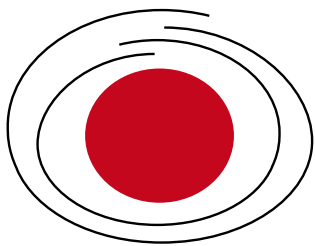
Profile E Information

The Profile E TapeFormer applies two tapes in one process.

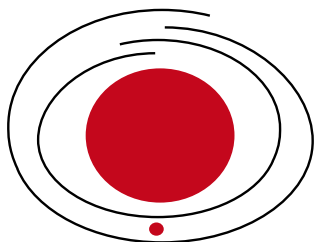
If required, we can also introduce a drain wire between the tapes.

Tape Profiles

Profile E

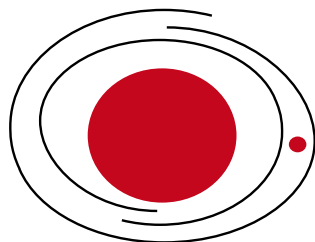


Profile E(1)

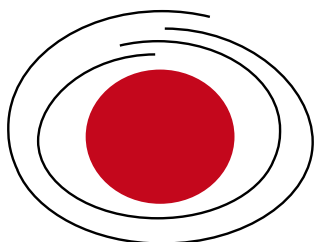


With drain wire
(you can specify its position)

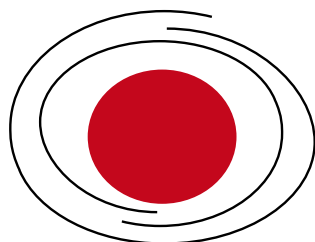
Profile E(2)



With drain wire
(you can specify its position)



Without drain wire



Without drain wire

Profile E Diagram



Profile E Entrance Diagrams

Profile E(1)



Profile E(2)



Profile E Options

Ceramic Inserts

See page 14 for further information on the ceramic inserts.



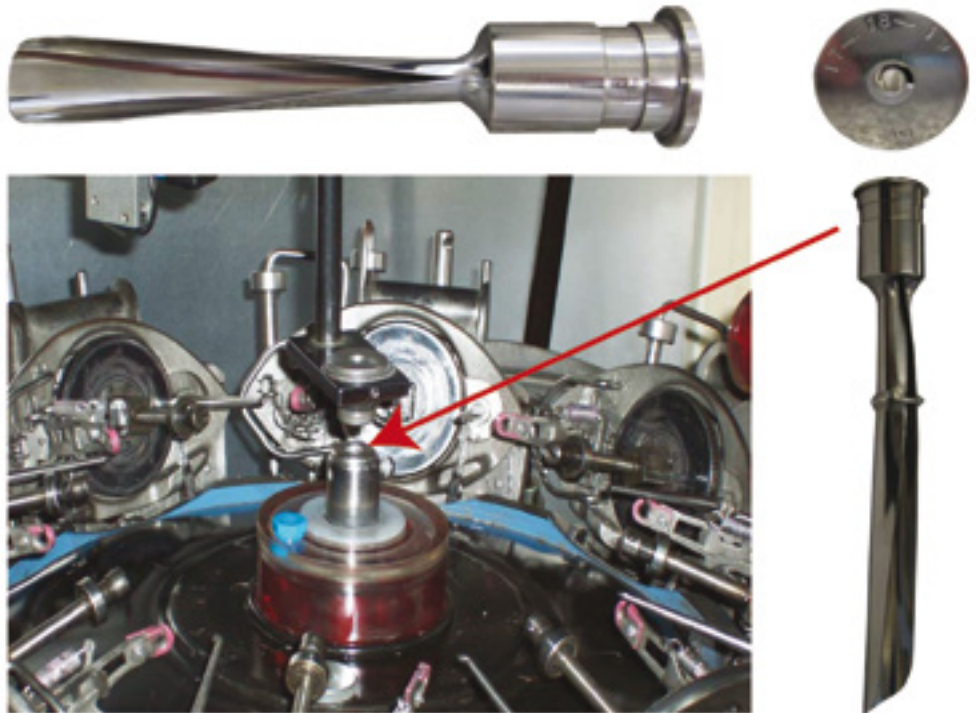
BRAIDING MACHINE TAPEFORMERS

The Solution for Braided Cable

We have developed a range of TapeFormers especially for Braiding Machines

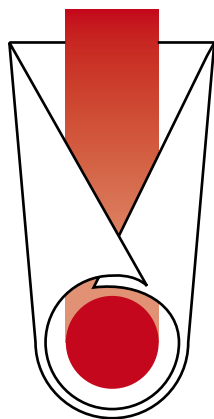
Benefits include

- Very accurate forming of the tape.
- Quick load times.
- Reduced tape breakages.
- Almost no tension is required on the tape.



Standard Overlap Wrap Directions

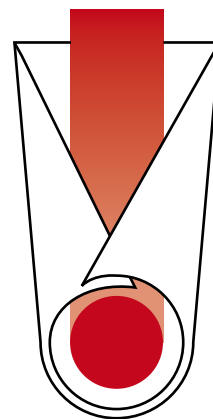
Cable and Tape entrance



Profile A

Exit of TapeFormer cable, with tape securely wrapped around it.

Cable and Tape entrance



Profile X

Exit of TapeFormer cable, with tape securely wrapped around it.

Special Overlap Wrap Directions



Profile E2



Profile S
(1 Down)



Profile S
(1 Up)



Profile S
(2 Down)



Profile S
(2 Up)

JELLY FILLED CABLE TAPEFORMERS

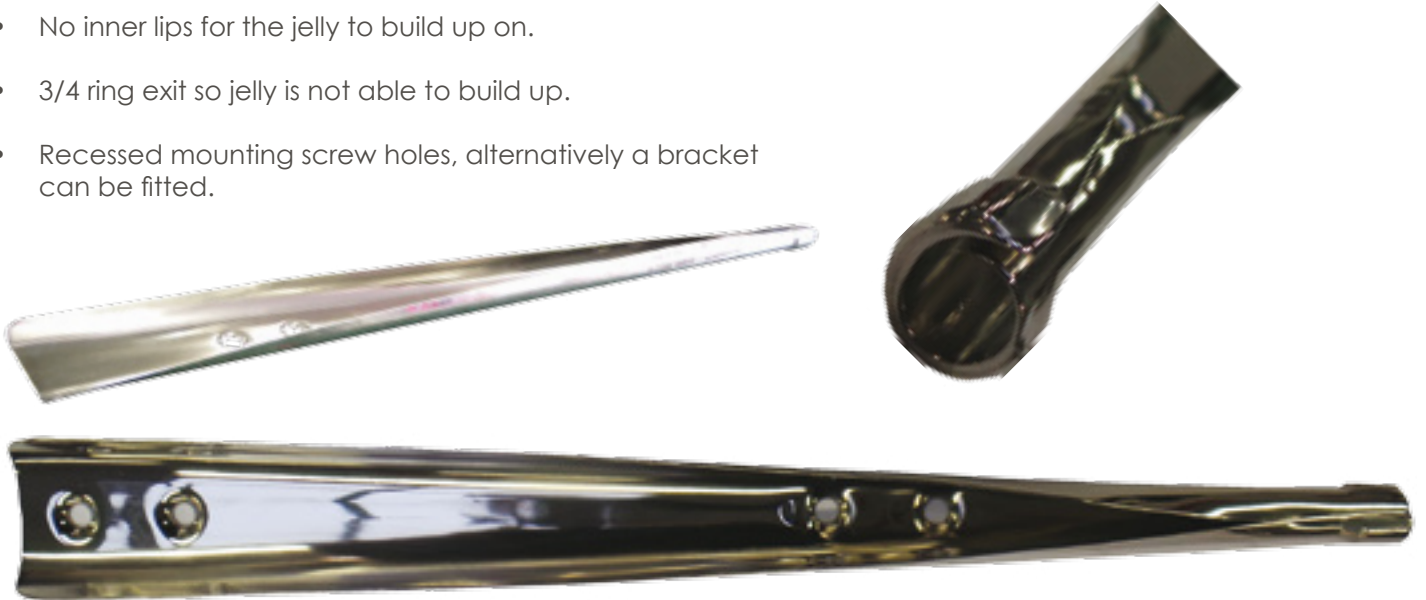
The unique solution for Jelly Filled Cables

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

This TapeFormer has been designed especially for jelly filled cable

Benefits include

- No inner lips for the jelly to build up on.
- 3/4 ring exit so jelly is not able to build up.
- Recessed mounting screw holes, alternatively a bracket can be fitted.



FLEECE TAPE - TAPEFORMERS

- Pre TapeFormer tape guide / tensioner.
- Top PTFE insert to keep the tape in shape throughout the TapeFormer.
- Longer TapeFormer length for more gentle tape forming.
- Samples of cable and tape are required to manufacture this TapeFormer.



CUSTOM / SPECIAL TAPEFORMERS

Creating a TapeFormer to your Specific Requirements

Special TapeFormers

Do you have an application that will require a different or special design of TapeFormer?

Do you have a TapeFormer that differs from our standard design and would like to keep this design?

We are able to manufacture TapeFormers of all kinds, specific to your requirements. We can develop a special TapeFormer or copy your existing TapeFormer.

Examples of special TapeFormers we have manufactured:



Due to the nature of special TapeFormers we cannot guarantee the perfect success of them. Any alterations or remanufacture of these TapeFormers will be charged for on a case by case basis.

TAPE PAYOFF

with integrated TapeFormer mounting bench

Suitable for TapeFormer models A to D Tape widths up to 75mm.



TapeFormer bench is adjustable up/down + tilts. TapeFormer Mounting plate is able to slide forwards and backwards to allow easy tape / cable loading then slide forwards to the extruder.

ADJUSTABLE TAPEFORMER MOUNTING BENCH

INVALUABLE TOOL TO WRAP AND INSULATE CABLE

Small TapeFormer Mounting Bench

Suitable for Models A, B, C and D



Large TapeFormer Mounting Bench

Suitable for Models C, D, E, F, G, H and I



If you have a model range that is across the two benches we can manufacture a special bench for your requirements.

TAPEFORMER ENQUIRY FORM

Key Information for TapeFormer Models

- The Formers are manufactured as fixed sizes so each cable and tape combination will require a separate TapeFormer.
- The size of the TapeFormer is decided by the tape width and is shown as Models in our range.
- Tape width is decided by the cable circumference plus the required overlap.

In order to make a quotation we require the following information for each TapeFormer

1. Tape Width:

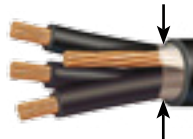


2. Tape Thickness:



3. Is there a splice (joint) made in the tape that is to pass through the TapeFormer?

If yes what is its thickness at this point?



4. Cable diameter before tape application? or exit diameter?



5. Profile.

If not shown on our profiles page.

Please send a picture or make a drawing.

6. TapeFormer type:

Standard Model
Model A Extra Long
Profile G TapeFormer
Profile E Double wrap TapeFormer
Profile S TapeFormer
Braiding Machine TapeFormer
Jelly Filled TapeFormer
Special TapeFormer
Fleese TapeFormer
Micro TapeFormer
LAN Twist TapeFormer

7. Cable Guide options:

Short Tube Guide
Full Tube Guide
No Cable Guide
No Cable Guide or Plate

8. Exit Options:

Closing Exit
Spring Exit Model C to I Version
¾ Ring Exit
Full Exit Ring

9. Friction Reduction PTFE insert.

10. Customer Details:

Name:
Position:
Company:
Address:
Telephone:
Email:



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