



SPEEDI~TEAR™

Rapid release perforating systems for S.R.P. & R.R.P. applications

SPEEDI~TEAR™ products are designed, developed and manufactured in our factory just outside Sheffield, England "The Steel City". Our roots, are firmly fixed in Sheffield's traditional environment of passing down from generation to generation, steel related manufacturing techniques. It has allowed for these UNIQUE and INNOVATIVE products to evolve, by combining nearly two decades of perforating knowledge with three decades of engineering knowledge to produce *perfect* solutions for the manufacture of "Retail Ready" and "Shelf Ready" Packaging.

- Developed specifically for the retail packaging industry
- Designed by perforating experts with over 17 years experience
 - Innovative U.K. manufacturing processes
 - Unique product design
- Bespoke consultancy service for *Packaging Modification's* also available

SPEEDI~TEAR™
"The INNOVATION in PERFORATION for CORRUGATION"

SPEEDI~FOLDS™
"Breaking the Mould's on how Corrugated Folds"

SPEEDI~FLARE™
"Nothing Compares to our PERFECTED FOLD that TEAR's"

Email us:- info@speeditear.com

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SPEEDI~TEAR™

"The INNOVATION In PERFORATION For CORRUGATION"™

SPEEDI~TEAR™ perforating systems have been specifically developed to provide the rapid release of 'RIP-OFF STRIPS/KNOCKOUT PANELS' on SRP/RRP box's.

SPEEDI~TEAR™ has been created from the needs of packaging designers, box makers, cutting rule suppliers, die makers and retail end users. This consultation process has allowed our perforation experts to innovate this unique perforating system.

SPEEDI~TEAR™ perforating systems provide a unique balance of both accurate and clean tear lines on rapid and easy to remove panel sections, whilst maintaining box strength. These features are often compromised when using current and conventional perforating technology.

SPEEDI~TEAR™ has applied scientific principles to each rule design to provide individual tooth and gap profiles to suit all corrugated flutes. These profiles are readily available for application with 2pt/3pt rules for flatbed die-cutting and 4pt rules for rotary conversion.



SPEEDI~TEAR™ selection could not be easier for both the designer and die maker, simply specify the flute type being used and determine which direction the perforating line is. WF (*WITH FLUTE* direction) and XF (*CROSS FLUTE* direction)



Edge quality of a box manufactured using Conventional Perforating Systems

Edge quality of a box manufactured using the SPEEDI~TEAR™ Perforating System

E.g.: 3pt 23.80 Flatbed Rule - SPEEDI~TEAR™ BXF

This is for use on B flute – cross flute applications

4pt 24.60 Rotary Rule - SPEEDI~TEAR™ BWF

This is for use on B flute – with flute applications

(NB: product performance can vary according to actual corrugated board specification)

SPEEDI~TEAR™ perforations can be adjusted to suit specific box requirements, with a (-10) option for 10%

weaker perforating and easier to remove panels, or alternatively (+10) options provide a 10% stronger perforation for increased box strength.

E.g.: 3pt 23.80 Flatbed Rule - SPEEDI~TEAR™ BXF (-10)

SPEEDI~TEAR™ simply provides the highest standards in cosmetic perforating appearance with quick and easy to remove panels providing retail end users with the *perfect* SRP/RRP solution.

For further information or assistance, please contact us at

www.speeditear.com

Info@speeditear.com

SPEEDI~FOLDS™

"Breaking the MOULD'S on how corrugated FOLDS"™

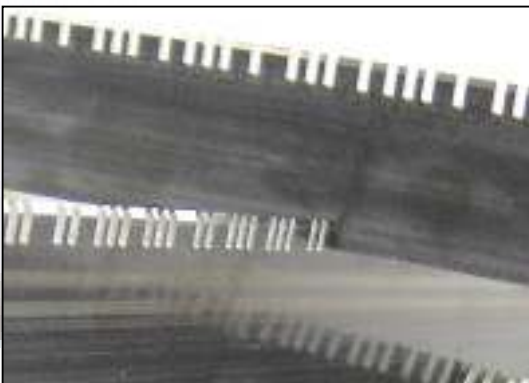
SPEEDI~FOLDS™ was conceived and developed to compliment our revolutionary **SPEEDI~TEAR™** perforating system. Working together in perfect synergy, **SPEEDI~FOLDS™** provide substantial improvement to the box erection process by eradicating 'burst perforating lines', which is a commonly seen problem.

SPEEDI~FOLDS™ works by reducing the destructive effect of strong and difficult to fold box flaps. This provides a greater balance in strength through a unique symbiotic relationship, between the folding flaps and the perforated rip off panels, thus maximising box yields from the auto-erection process.



Another significant benefit of using **SPEEDI~FOLDS™** is the ability of the folding flap to hinge 'bi-directionally' without cracking either of the fluted liners. Flap strength and integrity is still maintained after several folding movements, making it even easier for box contents to be added without damage.

SPEEDI~FOLDS™ provides a quantum step forward in replacing standard folding flap systems like creasing rule and cut/crease combination rule. Crease rules rely upon critical height selection, matrix choice and make ready techniques. Conventional cut/crease combination rules reduce folding strength but basic selections of 3mm x 3mm, 6mm x 6mm, etc, all exhibit a uniform and inflexible 50:50 ratio of tooth and gap.



SPEEDI~FOLDS™ uses innovative reverse pitch tooth and gap technology, to break down the specific flute style being used, while strength is always maintained due to the unique hinge effect it creates. The selection could not be easier, simply specify the rule type being replaced and the flute style being processed.

*E.g.: Previous cut/crease 3pt 23.80 Flatbed Rule 3mm x 3mm
Use 3pt 23.80 **SPEEDI~FOLDS™** "B3"*

(NB: In some 4pt rotary applications the corrugated board may be 'PRE-CREASED' prior to die-cutting. This process requires a slightly modified tooth profile – see example below)

When ordering **SPEEDI~FOLDS™** for use with rotary die-cutters on pre-creased corrugated board please add (PC) to your order as per the following example:

4pt 24.60 Straight Notched Rotary Rule - SPEEDI~FOLDS™ "B6" (PC)

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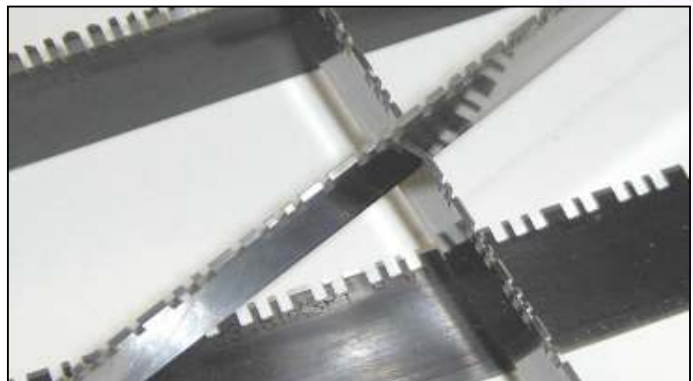
SPEEDI~FLARE™

"Nothing compares to our PERFected FOLD that TEAR's"™

SPEEDI~FLARE™ is perforation, innovation at its very best. This HYBRID system has been designed specifically for use in SRP/RRP applications that require the contradictory elements of both folding and tearing functions from a single perforated line.

SPEEDI~FLARE™ compliments our current range of products by utilising the unique characteristics of both **SPEEDI~FOLDS™** and **SPEEDI~TEAR™** in one single product. This provides the box designer with a complete perforation selection to cover all SRP/RRP box designs.

We realise that the actual box design will be influenced by the die-cutting process, box erection methods, product filling techniques, packed weight of contents, transit load strength as well as meeting the requirements of the retail end-user to have an easy to tear box with a clean cosmetic finish.



For these reasons, **SPEEDI~FLARE™** has been designed with HYBRID perforations, which can be altered in small but effective increments allowing for slight adjustments in either FOLD strength or ease of TEAR. This revolutionary concept allows the designer for the first time, to request the required bespoke perforation for a product that will fulfil all the needs of the box maker, brand owner and retailer.

Standard **SPEEDI~FLARE™** systems are readily available as alternatives to the currently used 50:50 uniform perforating rules like 2mm x 2mm, 3mm x 3mm, 6mm x 6mm, etc. These uniform perforating rules can be replaced with a standard **SPEEDI~FLARE™** by ordering as follows:



E.g. Previous perforating rule used on B Flute – 3pt 23.80 3mm x 3mm

Order **SPEEDI~FLARE™ “B3” – 3pt 23.80**

Remember that this standard **SPEEDI~FLARE™** system is for easy replacement of the basic inflexible 50:50 perforating rules currently available to the industry. It can be easily altered through consultation to provide the *perfect* folding and tearing characteristics to match the specific box design criteria.

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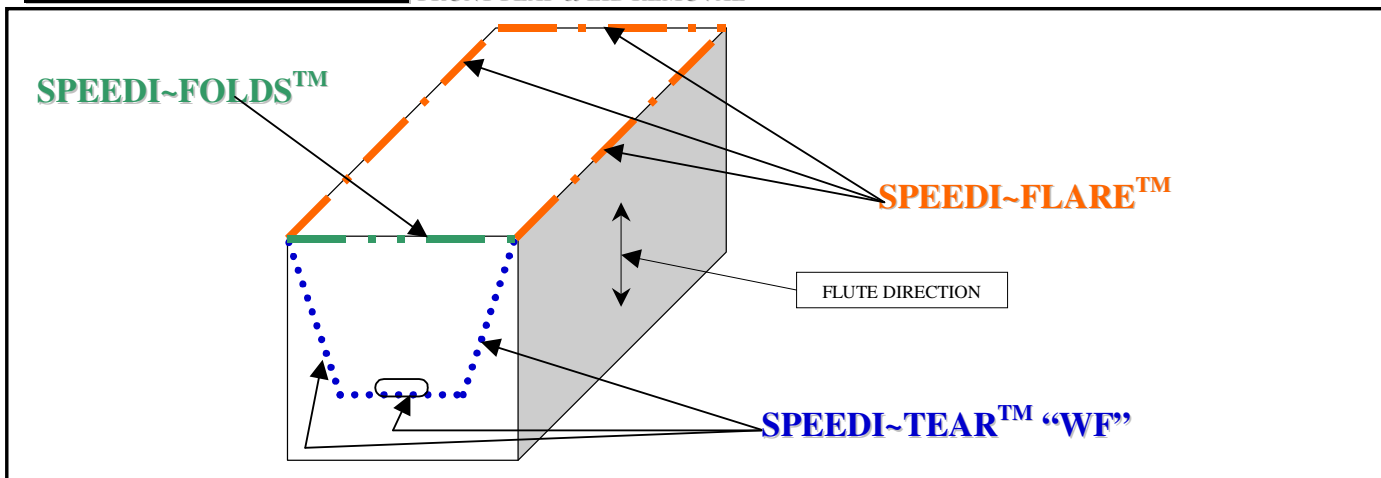
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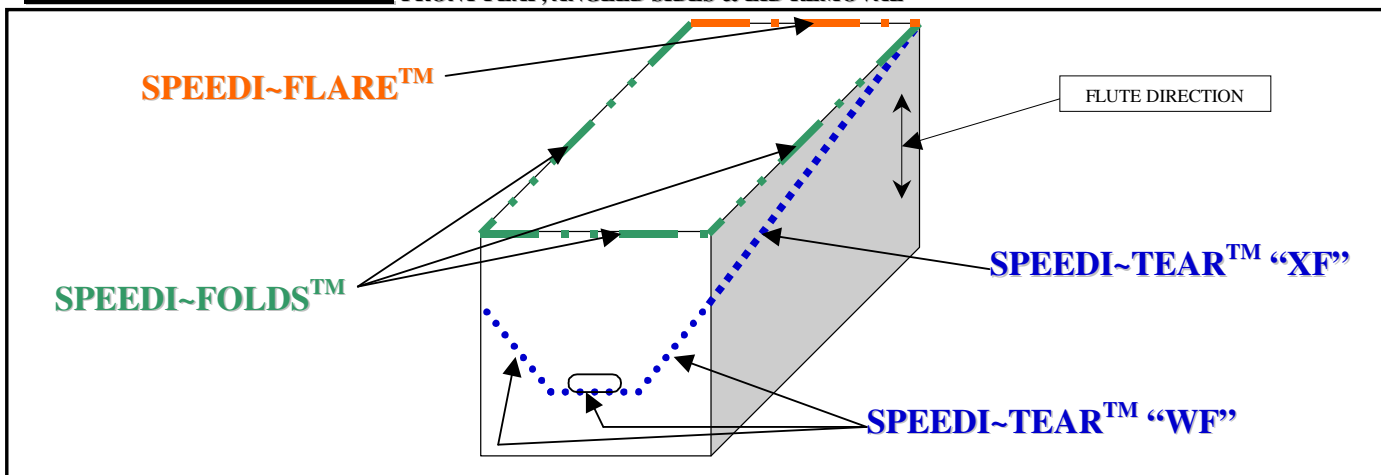
APPLICATION GUIDELINES

SPEEDI~TEAR™, SPEEDI~FOLDS™ & SPEEDI~FLARE™ SYSTEMS

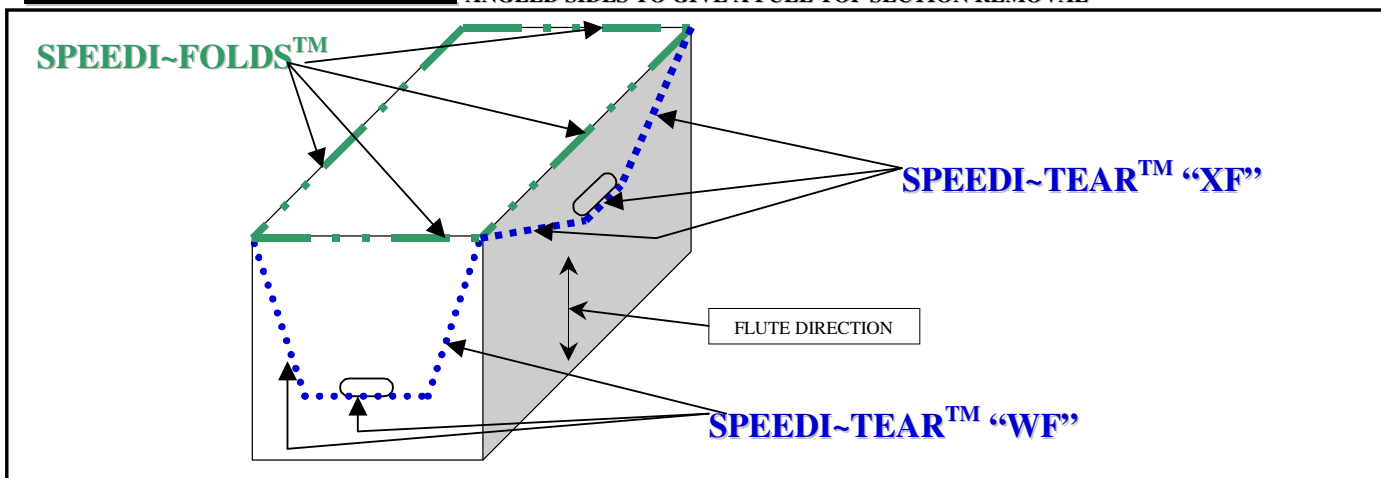
STYLE 1 “DUO-PANEL” FRONT FLAP & LID REMOVAL



STYLE 2 “TRI-PANEL” FRONT FLAP, ANGLED SIDES & LID REMOVAL



STYLE 3 – “QUAD PANEL” ANGLED SIDES TO GIVE A FULL TOP SECTION REMOVAL



DISCLAIMER: The above illustrations are for a guidance only. The use of the SPEEDI-range within any application, is the responsibility of the purchaser of the SPEEDI-products. SPEEDI~TEAR™ cannot accept any loss or damages caused from using these guidelines.