Flex Score Products are interchangeable creasing profiles for rotary cutting dies that install in a matter of seconds, without removal of steel rule or damage to the plywood die board.
Patent Pending in USA, Canada, Mexico, and EU
Primary Benefits

1. Diminishes Score Fracture on Inside Liners
2. Reduces False Scores Parallel With Flutes
3. Enhance Post Glue Operation with Gap Control
4. Simple and Rapid On Press Adjustments to Die
5. Effectively Deals With Upgraded ECT and BGO
THE FLEX FAMILY of PRODUCTS

- Each Mount Onto The Same Steel Rule Base
- Are not “Surface Mounted” to Plywood
- Color Coded For Height Identification

**FLEX SCORE**
For Use With Longer Fiber Structure

**FLEX SOFT**
For Use With Shorter Fiber Structure

**FLEX DOUBLE**
Several Uses Reverse Creasing, Litho Lam., Micro Flute, Produce Trays
Variations in Containerboard Today

With Longer Fiber Structure
Variations in Containerboard Today

With Shorter Fiber Structure, (Compressed Dust)
Diminishes Score Fracture on Inside Liners
For Mullen Grade and Higher ECT: Flex SCORE

For Use With Longer Fiber Structure
Lower ECT, Limited Fiber Structure: Flex SOFT
Canada: 115 grams  B Flute Beverage Tray

The Cutting Rule Cracks but the Crease Didn’t

For Use With Shorter Fiber Structure
Steel Rule Crease with Kushion Crease Rubber.
Same Carton, With Flex SOFT

For Use With Shorter Fiber Structure
Reduces False Scores Parallel With Flutes
Enhance Post Glue Operation with Gap Control
Simple and Rapid On Press Adjustments

National Steel Rule

SCE Tech Talks “What’s New” in 2020
Merely Press it On...and Pry it Off
Effectively Deals With Upgraded ECT and BGO
Developing Products for Today’s Converting Challenges
Reverse Folding for Skip Slotted Cartons

Several Uses
Reverse Creasing, Litho Lam., Micro Flute, Produce Trays
Huge Opportunities for Top Print / Top Diecutter

Corrugator Profile Scoring with Solid Ink Coverage is Possible

Several Uses
Reverse Creasing, Litho Lam., Micro Flute, Produce Trays
Double Scores Too Close Together Can Be A Problem

Several Uses
Reverse Creasing, Litho Lam., Micro Flute, Produce Trays
Stronger Cutting Die with Single Kerf in Dieboard
Increased BCT with “Tight” Center Specials
New technologies in recyclability and biodegradability challenge traditional methods of creasing corrugated containerboard. To stay consistent with those advances, National has developed a new material composition which will provide the industry improved quality and better consistency for these paperboard innovations.

- Available for Commercial Sale Q-1 2021
- Flex SCORE and Flex SOFT Will Be First
- Flex DOUBLE and Flex OFFSET will Follow