

PACKAGING PROBLEMS & SOLUTIONS GUIDE

Having Packaging Problems? Here's Where to Start.

Most packaging guides start with a product list. This one starts with the problem on your desk. Find the headache that sounds like yours, run the quick checks, and see where Mann-Pak can step in.

1	2	3	4	5
Film won't run right	Not enough protection	Print looks off	Excess film inventory	Need a custom width

1

PROBLEM 1

Film isn't running properly on equipment

When your film and your machine aren't getting along.

START HERE: Equipment and material compatibility may need to be reviewed.

QUICK CHECKS

- Is the film's gauge and structure what the machine was set up to run?
- Do roll width, core size, and unwind direction match your line?
- Are the film's slip and seal characteristics right for your equipment?

WHERE MANN-PAK COMES IN

Mann-Pak can work with your team to select the right approach, from material choice to roll format. If the roll itself is the issue, wide-web and narrow-web slitting can get it to the width you need, down to 2 inches on 3- and 6-inch cores.

SLITTING | TOLL CONVERTING | INDUSTRY KNOW-HOW

2

PROBLEM 2

Packaging isn't providing enough protection

When what's inside isn't staying protected.

START HERE: Consider whether a different film or barrier structure is appropriate.

QUICK CHECKS

- What is your product sensitive to: moisture, oxygen, grease, or light?
- Does it get handled roughly or packed with sharp edges?
- Does the package need to be see-through, or easy to open?

WHERE MANN-PAK COMES IN: SYMPTOMS AND OPTIONS WORTH EXPLORING

- **Going stale or drying out** > high-barrier films, barrier laminations, barrier coatings
- **Grease showing through** > glassine / cupstock overwrap (moderate grease resistance)
- **Punctures and tears** > crosslinked / high-abuse polyolefin shrink films
- **Fog hiding the product** > anti-fog shrink and lidding films
- **Seals that won't hold, or won't open** > lock-seal or easy-peel lidding films; heat seal coating options

HIGH-BARRIER FILMS | SPECIALTY COATINGS | LIDDING FILMS

3

PROBLEM 3

Graphics aren't printing the way you expected

When the print doesn't match the picture in your head.

START HERE: Artwork, substrate, and printing specifications may need to be reviewed.

QUICK CHECKS

- Do the artwork files and color specs match what was approved?
- Is the substrate the right one for the job?
- Was the artwork built for how the package will actually be used?

WHERE MANN-PAK COMES IN

Mann-Pak prints on 8-color central-impression presses, up to 48 inches wide, on light-gauge films up to 3 mil and paper up to 50 #. Print design consulting adds artwork, color, material, and production guidance to help packaging print correctly and perform as intended.

FLEXOGRAPHIC PRINTING | PRINT DESIGN CONSULTING

4

PROBLEM 4

You have excess film inventory

When the film on your shelf is the wrong film for today.

START HERE: Mann-Pak offers slitting and folding services that may help turn existing inventory into usable stock.

QUICK CHECKS

- What material and gauge is it, and how much do you have?
- What width and format would you actually run?
- Could slitting, folding, or both get it there?

WHERE MANN-PAK COMES IN

With toll converting, your materials can be processed through printing, slitting, winding, and/or centerfolding to a specified finished format. That may turn film you can't run into stock you can: slit down to 2 inches on 3- and 6-inch cores, or centerfolded at a minimum of 12" wide.

TOLL CONVERTING | SLITTING | CENTERFOLDING

5

PROBLEM 5

You need a custom roll width

When standard widths aren't standard for you.

START HERE: Explore slitting and converting capabilities.

QUICK CHECKS

- What exact width does your machine or product need?
- Which core size (3" or 6") and unwind direction?
- Do you need it flat, or folded?

WHERE MANN-PAK COMES IN

Wide-web and narrow-web roll-to-roll slitting delivers custom widths, down to 2 inches on 3- and 6-inch cores. Need a folded format? Centerfolding starts at a minimum of 12" wide. Printing, slitting, centerfolding, toll converting, finishing, and design consulting all happen in one workflow.

SLITTING | CENTERFOLDING | FULL-SERVICE CONVERTING

Not sure which problem is yours? Start the conversation.

Whether you need printed shrink film, custom converting, barrier packaging, specialty materials, or help selecting the right approach, Mann-Pak can work with your team from concept through finished material. We are your packaging partner, not just a supplier.

Helpful to have ready: a sample or spec, your equipment details, artwork files, roll dimensions, and photos of the problem.

Request a quote: www.mannpak.com/request-quote | **Email:** info@mannpak.com

Call: 1-800-486-6277 | 410-298-6520 | 9601 Pulaski Park Drive, Suite 401, Baltimore, MD 21220

Second-generation, veteran- and family-owned | Serving flexible packaging customers for more than 35 years | SQF Certified. Specifications are based on information published by Mann-Pak, Inc. and should be confirmed for individual projects.