



CUSTOM PACKAGING SERVICES FOR ADHESIVES, SEALANTS & RESINS





SPECIALIZING IN....

- ★ **FAST ORDER TURNAROUND**
- ★ **ACCURATE FILLING**
- ★ **DUAL CARTRIDGE,
SYRINGES, POUCHES**
- ★ **SHORT RUNS**
- ★ **MIX / FREEZE**
- ★ **FIELD REPAIR AND
DEMO KITS**
- ★ **ORDER FULFILLMENT**
- ★ **INVENTORY – WAREHOUSING,
BAR CODING, SHIPPING**
- ★ **FREE SAMPLES WITH YOUR
MATERIAL**

MARKETS SERVED....

- ★ **MARINE**
- ★ **AEROSPACE**
- ★ **APPLIANCE**
- ★ **AUTOMOTIVE**
- ★ **GENERAL INDUSTRY**
- ★ **PRODUCTION & ASSEMBLY**
- ★ **CONSTRUCTION**
- ★ **ELECTRONIC**

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Merlin Packaging Technologies Inc., was created to provide the professional packaging solutions for all adhesive user industries, where employee health and safety, economics of application, consistent quality control and courteous responsive customer service are day to day realities, not goals to be reached.

Our seasoned packaging professionals are constantly pursuing ways of improving our standards of quality and methods for efficiency.

We are proud that our consistent quality, timely turnaround, innovative solutions and conscientious customer service set us apart and in front of the competition.

Call our toll free telephone number today to discuss your packaging requirements with one of our application engineers.

Cordially,

Rob Kilpatrick
President



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PACKAGING TYPES

DUAL CARTRIDGE SYSTEMS



These systems are designed primarily for 1:1, 2:1, 4:1, and 10:1 parts-by-volume ratios. Total capacities can range from 50ml to 1500ml. Cartridge maybe used at different times while only replacing the static mixer nozzle.

SYSTEM ADVANTAGES:

Precise Ratios
Disposable Cartridges
Eliminates Waste
Minimizes Health Hazards
No Messy Clean -Up

SINGLE COMPONENT SYSTEMS



Single component sealant and adhesive packages come in different shapes and sizes including square, rectangular, oval, oblong, round and cylindrical. Packages are made from various plastics, glass and metal. Sizes range from as small as 5/8 dram on up to 55 Gallon Drum.

Pouches • Cans • Bottles • Jars • Ampules • Capsules
Syringes • Cartridges • Collapsible Tubes • Vials

SYSTEM ADVANTAGES:

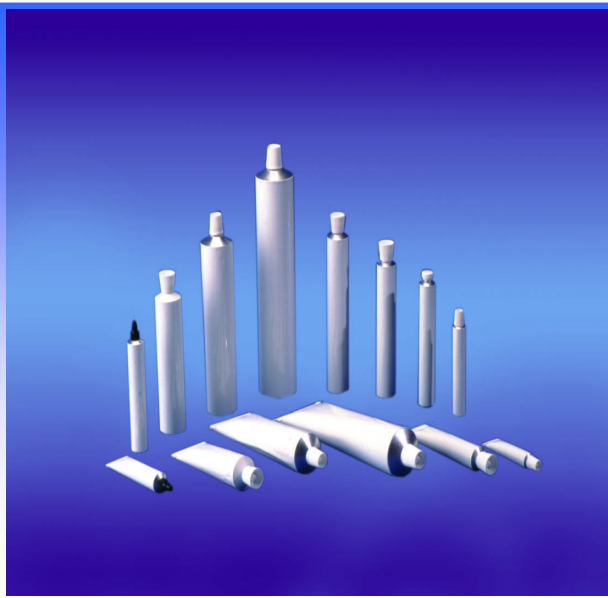
No Messy Clean -Up
Disposable Cartridges
Eliminates Waste
Minimizes Health Hazards





PACKAGING TYPES CONTINUE

COLLAPSIBLE TUBES



Today, they take the form of aluminum metal tubes, plastic tubes and laminate tubes. Different liner materials can be used to provide maximum barrier properties and a triple fold is used for a tight seal. Merlin Packaging Technologies can provide state-of-the-art graphics for presentation appeal to your tubes or product identification can be simple as an industrial pressure sensitive label.

SYSTEM ADVANTAGES:

No Messy Clean -Up
Disposable Cartridges
Eliminates Waste
Minimizes Health Hazards
Manual Dispensing Without Using Dispensing Gun

SYRINGES...AND MORE SYRINGES



Merlin Packaging Technologies, Inc. carries a full line of syringes for use in manufacturing assembly, marking and lubrication.

1cc to 60cc sizes • Pneumatic Styles • Luer Lock & Taper
Miscellaneous Tips • Manual Plungers • UV Syringes
Various Stopper Materials

SYSTEM ADVANTAGES:

No Messy Clean -Up
Disposable Cartridges
Eliminates Waste
Minimizes Health Hazards
Accurate Small Dispensing Applications





PACKAGING TYPES CONTINUE

BARRIER AND INJECTION CARTRIDGES



The "barrier" cartridge has a foiled mixer dasher that is held in place inside the cartridge with a cinch tape on the outside of the cartridge. The foil separates the resin and curative. This cartridge is typically used with systems that are between 1:1 and 10:1 parts-by-volume ratio.

The "injection" system consists of the main cartridge filled with resin and an injection rod that contains the curing agent. This package is best suited for parts-by-volume or part-by-weight ratios of less than 10:1. Use of this system is simple; the ramrod is pushed against the rod piston, which compresses the resin and causes the rod valve to rupture, thereby injecting the curative into the resin. The combined materials are then mixed until homogenous.

Both systems can be mixed manually or with an electric or pneumatic mixer. Mixed product is then dispensed through manual or pneumatic guns or stand-mounted units using a variety of nozzles and needles.

MIXED / FROZEN



This procedure involves mixing Part A and Part B of a material at the specified ratio to a homogeneous blend, then degassing or centrifuging before filling the customer's chosen container and immediately subjecting the package to an approximate 90 – 100 degrees below zero Fahrenheit. This immediately suspends any chemical reaction needed for material cure. Frozen containers are packed in dry ice and shipped overnight.

Mixed / Frozen Product Benefits:

Useful when small amounts of material are required, thus reducing waste.

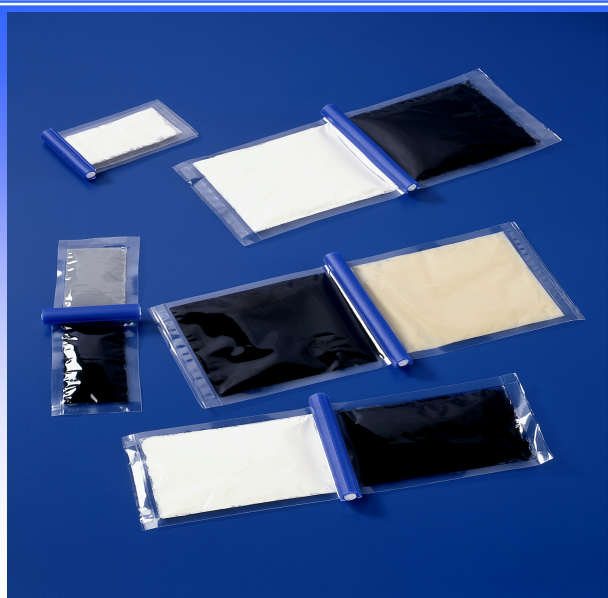
Eliminates the need for repeated batch mixing therefore saving the time-consuming tasks of precision weighing and mixing. Pre-mixed product eliminates the potential for operator weighing and mixing errors





PACKAGING TYPES CONTINUE

PRO-PAK



Pro Pak adhesive clip system is a flexible divided pouch, which contains measured amounts of two component resin systems in quantities from 4cc to 360cc in any ratio. Accurate mixing and easy dispensing reduces hazardous material waste and handling, no messy clean up. Saves time, labor and materials.

BOTTLES, CANS AND JARS



Merlin can provide adhesive, sealant and liquid products in a wide variety of specialized containers including cans and bottles. These containers are available in a wide variety of styles including glass, metal and plastics. Sizes range from 5/8 dram on up.





ADDITIONAL SERVICES

FIELD REPAIR KITS



Merlin Packaging Technologies will work with a client to develop a field or after-market kit for custom packaging. These kits can include cartridges, cans, syringes, bottles, tubes and dispensing and handling accessories. We can include the following in cardboard boxes, polyethylene sealed bags or zipper-style bags.

Kit Components:

- Cotton Swabs
- Application Brushes
- Sanitary Gloves
- Adapters
- Mixing Sticks
- Printed Instructions
- Custom Packaged Materials
- Nozzles
- Clean-up Towels

SUPPORT EQUIPMENT



Merlin Packaging Technologies can supply all of the essential support items for dispensing and handling adhesives and other liquids. Our application engineers will be glad to discuss your specific needs.

Product Line Summary:

- Manual Cartridge Guns
- Pneumatic Cartridge Guns
- Gun Stands
- Hand-held Collapsible Tube Dispensers
- Manual Syringe Applicators
- Pneumatic Syringe Controllers
- Static Mixer Nozzles
- Specialized Single Component Nozzles
- Waterless Cleaning Towels
- Specialized Fittings

