

ADDING VALUE WITH SPECIALTY PACKAGING

At SP&S we know that sometimes how a product is packaged is almost as important as its performance. Therefore we invest considerable effort in continually improving and expanding our range of specialty packages. Our goal is to provide options that make the material we produce and distribute, safer and easier to use while at the same time reducing waste, labor, and application costs for our customers. The following are a number of specialty packaging formats that may benefit your application. Please call us with any questions or for a quote on receiving your material packaged in one of these containers.

Squeeze Bottles with Yorker caps

A great solution for many DIY and field uses -these easy to handle squeeze bottles are excellent for small & medium volume adhesive, coating, and potting applications. They allow the user to manually dispense a controlled quantity and can easily be resealed for storage. For many 2 component systems, these bottles can eliminate the need for weighing out the A & B components. Instead of weighing, the user dispenses equal sized beads of the components in the correct ratio by volume (1:1, 2:1, 3:1, etc.) and then mixes the dispensed material. Empty Yorker bottles can also be filled with 1 component or mixed multi-component materials to give excellent control of dispensing and application of the material. Yorker bottles are suitable for most low to medium viscosity epoxies, acrylics, anaerobics, silicones, and contact adhesives. They are generally not suitable for polyurethane, cyanoacrylates and other moisture or oxygen sensitive materials.

Fluorinated F-Style Bottles

These space saving rectangular bottles are impact, moisture and chemical resistant. They are our recommended packaging for low to medium viscosity liquids. They resist shipping damage and leaking better than comparable metal containers and demonstrate superior chemical and solvent resistance compared to conventional plastic containers. Their design allows for easier and more controlled dispensing of the contents and they reduce waste by retaining less of the contents of the container than do paint cans and similar packages. They are available in size from 4oz (1/4 pint) up to 2 1/2 gallons. Our standard sizes are 1 Quart (32 fluid oz), 1/2 gallon (64 fluid oz) and 1 gallon (128 fluid oz).

Syringes & Cartridges

Syringes are generally defined as being single or double barreled and by their size from 1cc(ml) up to about 55cc. Common sizes include 1cc, 3cc, 5cc, 10cc, 30cc, and 55cc. Several different styles exist the primary styles are manual dispensing (had a thumb plunger) such as the BD, Kahnetics, etc. or air /psiton dispensed styles such as EFD. Many specialty sizes and styles exist to fit in specific applications or on specific pieces of equipment.

Cartridges are generally defined as being larger than syringes typically ranging from 50cc (ml) up to 100ml. They are available in both dual barrel (50ml, 200ml, & 400ml) and single barrel (2.5 fluid oz, 150 ml, 6oz, 12 oz & 1/10th gallon). They are available with dispensing tips molded into the cartridge or with threaded openings that allow the use of hundreds of different dispensing nozzles.

Syringe & Cartridge types/manufacturers we can supply include:

- BD
- Panasonic
- EFD
- Plas-Pak
- Fischer
- Pyles
- GLT
- Ritter
- Iwashita
- Semco
- Kahnetics
- TAH
- Mixpac (Accumix)
- Techcon
- Musashi
- many more

Sem-kits & Techkits

These specialty packages from PRC Desoto (Semkits) and Techcon Systems (techkits) are designed to allow two component systems to be handled with minimal user contact, while maintaining the maximum shelf-life for the product. They are an alternate to pre-mixed and frozen syringes / cartridges for users who want to avoid the need to weigh out two, mix, and vacuum de-gas two component systems. They are available in two basic configurations: injection style & barrier style.

Injection type cartridges have two main components: a barrel or body that holds the larger quantity component and an injection rod that contains the smaller component. They work well for mix ratios for 100:10 to 100:0.5. They require special filling operations, but the filled Semkit or techkit can then be shipped to the end user and it is ready to use with only a few moments notice. When ready, the user simple inserts the dasher rod into the injection rod and uses it to force the smaller quantity component into the chamber with the second component. The mixer attached to the injector rod is then used to thoroughly mix the two components and when this is complete the injection rod can be unscrewed and removed.