

# THE RIGHT PACKAGING FOR PLASTIC CONTAINERS

A considerable amount of protective packaging is required to ship plastic containers of liquid. These types of containers are easily damaged by the dynamic and static stresses of transport. But, with the right packaging, incidents can be avoided.

## CHALLENGES

- The plastic bursts easily under stress on the seams
- The container seals break open frequently
- The spilled liquid can damage conveyor belts or other shipments

## USING THE RIGHT PACKAGING

Using the following optimized packaging solutions for plastic containers will prevent them from being damaged during transport.

### Outer packaging



- Use a type of corrugated cardboard that provides strong protection
- Use cardboard that is of sufficiently high quality
- Use cardboard that contains as much kraftliner paper as possible

### Inner packaging



- 1) **Completely wrap** the containers in cushioning material (e.g., with meshed bubble wrap or machine-crumpled paper)
- 2) Use cushioning material to ensure that multiple containers in a single parcel are adequately separated
- 3) Modified cardboard inserts can also be used to ensure that containers are properly separated and won't shift in transit
- 4) A special self-hardening packaging foam can also be used to provide good protection. The bottom must first be filled with enough foam so that the foam is not pressed aside by the content weight
- 5) Tape the container seals shut with several layers of tear-resistant tape
- 6) Place the containers in a plastic bag and seal it



### Seal



- Use tear-resistant and fiber-reinforced tape to seal the shipment
- Tape the box shut in the manner illustrated

