

## Stack up the Savings

- **Cut distribution costs dramatically**

Constructed of 100% virgin kraft fiberboard, our tough, strong Sunstream slip sheets cost up to 80% less than wooden pallets.

- **Lower freight costs with our lightweight sheets**

Sunstream slip sheets eliminate the “tag-along” cost of shipping heavy pallets-and increase cube utilization during shipping.

- **Slash warehouse space a huge 99%**

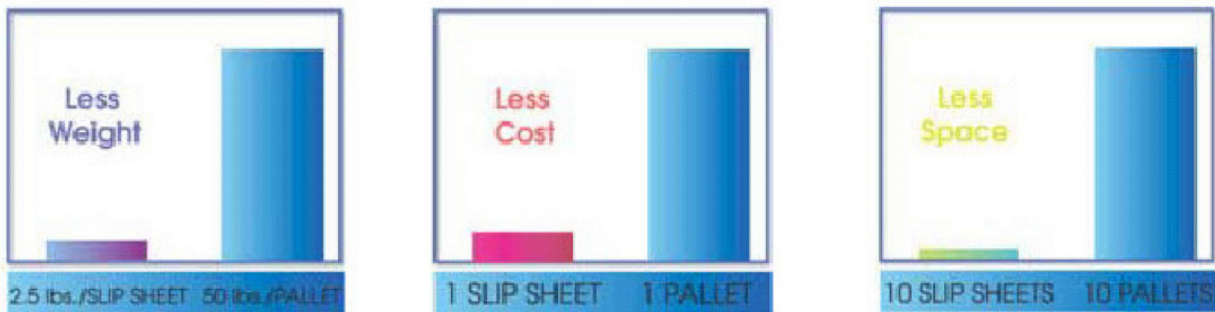
Sunstream slip sheets actually take up only 1% of the space of wooden pallets, which creates 99% more room for the product strong you really need.

- **Reduce losses from damaged product**

With Sunstream slip sheets, you can forget the popped nail, collapsed runners, and product damage claims associated with wooden pallets.

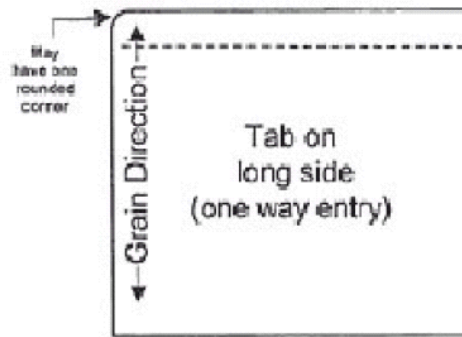
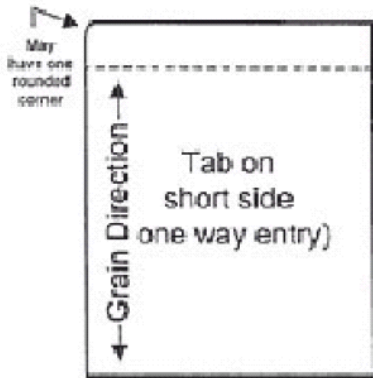
- **Save through recycling**

Sunstream slip sheets are environmentally friendly-and recyclable at a premium value, to help you save from beginning to end.

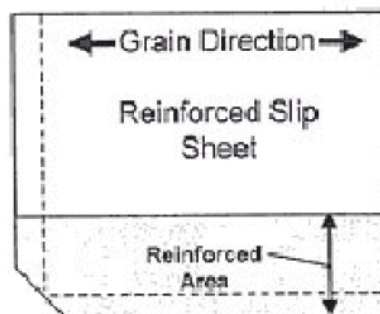
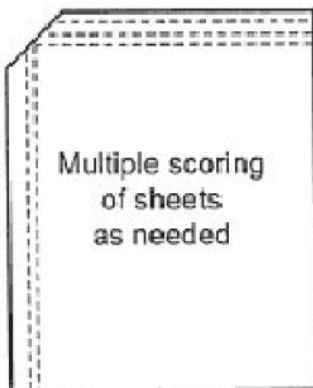
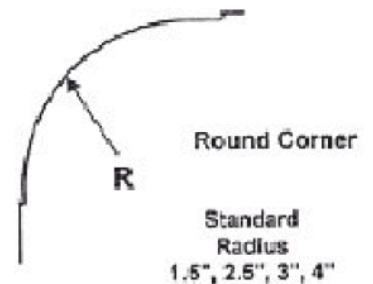
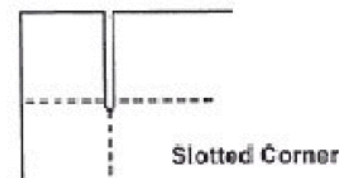
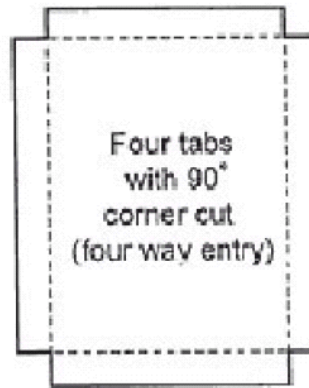
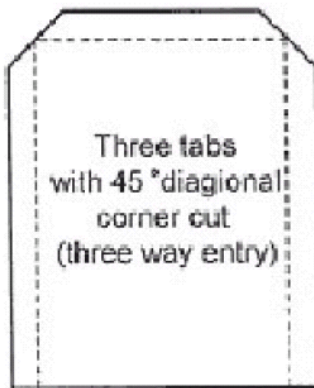
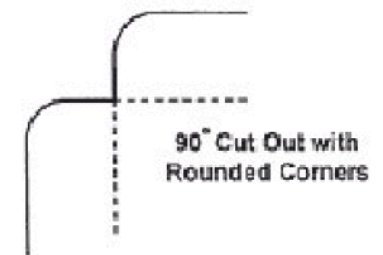
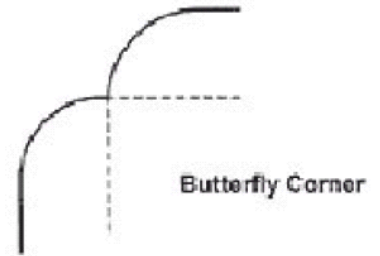
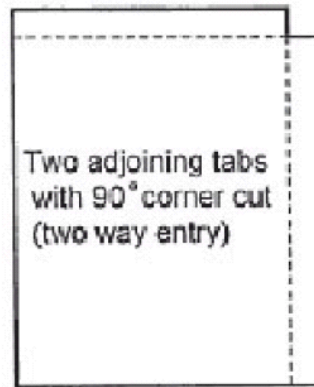
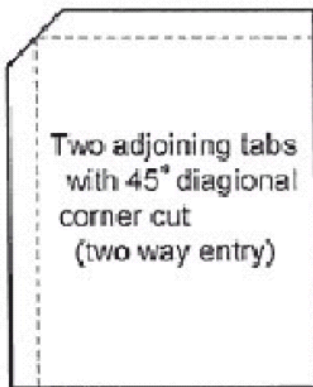
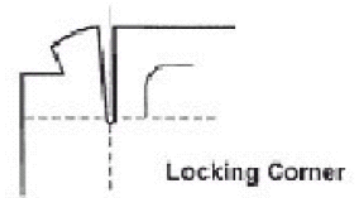


**Save three ways with Sunstream  
slip sheets instead of wooden pallets**

# Slip Sheet Designs



## Alternative Corner Designs



## Frequently Asked Questions about Slip Sheets

### What are slip sheets?

Slip sheets are a low cost, efficient replacement for wooden shipping pallets or manual product loading and handling. Sunstream slip sheets are virgin kraft fiberboard sheets designed with a load area, where product is placed, and with tabs along one or more sides. Sunstream slip sheets are produced in a wide range of sizes, grades and configurations, depending on the requirements of each shipper.

### How are slip sheets used?

Slip sheets are used as the shipping platform or base for shipping unitized product loads and moved with a special fork lift truck attachment called a push pull. Sunstream slip sheets can be used to move unit loads from the production point through the entire distribution cycle or used at the loading dock only for handling outbound freight.

### How do push pull attachments work?

Slip sheets are designed with tabs along one or more sides that extend beyond the unitized product or load area. Push pull attachments have gripper bars that clamp onto the slip sheet tabs and pulls product onto two wide platens. The platens support the product unit load while it is being moved from one location to another. When the product is in place, the action of the push pull attachment moves the product with a pushing motion and removes it from the platens as the gripper bar releases the slip sheet. The push pull attachment equipped fork lift trucks can be used throughout a manufacturing facility for a palletless operation or can be used to pull the product from a pallet at the time of loading.

### Who can use slip sheets?

Any manufacturer shipping a full truckload of unitized product can use slip sheets. Producers of products packaged in both cases and bags are shipped on slip sheets. Some of the most common products shipped on slip sheets are foods, chemicals, pharmaceuticals, electronics, and spirits to name a few.

### What is the construction of slip sheets?

Slip sheets are constructed from tough, durable 100% virgin kraft linerboard, laminated with a moisture resistant adhesive. The long interlocking fibers of virgin kraft linerboard produce fiberboard with high tensile strength – one of the most important characteristics of high quality Sunstream slip sheets. This construction is strong, durable and moisture resistant – ideal for slip sheet applications.

### Is my product too heavy for slip sheets?

Sunstream slip sheets are manufactured to individual specifications for each application or shipper. With a wide range of grades available, slip sheet users are not limited by product weight. Most unit loads average 2000 pounds; however, some slip sheet users, such as distillers, ship loads weighing well over 3000 pounds on slip sheets.

### Are Sunstream slip sheets affected by moisture?

Sunstream slip sheets are laminated with a moisture resistant adhesive rather than the commonly used starch based glue. This construction provides several moisture barriers and makes the entire sheet moisture resistant. A polyethylene or wax coating can be applied to waterproof the sheet if necessary.

### Are slip sheets recyclable?

Manufactured from 100% fourdrinier virgin kraft fiberboard, Sunstream slip sheets are recyclable at a high waste value.

### Why do shippers convert to slip sheets?

Shippers convert to shipping on slip sheets because it is an efficient, low cost method of moving product throughout the distribution cycle. The primary benefits are reduction/elimination of costly pallets, eliminating tag-a-long freight, better utilization of valuable warehouse space and reducing product damage which are important advantages to most shippers. In addition, using Sunstream slip sheets can shorten loading time to improve loading dock turn around time while eliminating the need for administering a pallet exchange program. Recyclable with a high waste value, Sunstream slip sheets eliminate the high cost of disposing of worn pallets.