



## WHAT IS STRETCH WRAPPING?

Stretch wrapping is a revolutionary new method of packaging a wide variety of products using stretch film to increase productivity, protection and efficiency.

Stretch wrapping uses plastic stretch film to secure and contain products more productively and economically than in the past. Designed as a replacement for bulky and costly packaging methods such as tapes, crating, shrinking, corrugated cartons, metal and plastic strapping, plastic foams, and plastic bags.

Stretch wrapping can be divided into five distinct categories. The five basic categories are Compression, Suspension, Protection, Stabilization and Unitization.

### **COMPRESSION**

Compression packaging uses the load force of stretch film to tightly bind products together, forming a more compact, space-saving package. Products such as ready to assemble furniture, textiles and foam products.

### **SUSPENSION**

Suspension packaging is used to secure heavy products of any shape to a stable platform. Common uses are to stabilize products such as motors and heavy mechanical components.

### **PROTECTION**

Protection provides products with surface protection from dirt, moisture, scratches and abrasive blows. Common uses are furniture, electronics and window assemblies

### **STABILIZATION**

Stabilization provides stability for products that are transported short distances. Common uses include local deliveries and in-plant transporting

### **UNITIZATION**

Unitization bundles many loose items together into a single unit load. Common uses include bagged product such as feed or seed, bottled beverages and corrugated boxes that range in size and shape.



## WHAT ARE THE ADVANTAGES OF USING A STRETCH WRAPPER?

Stretch wrapping offers many advantages over other methods of packaging and securing products. This will depend on several circumstances such as volume, load configuration, production line efficiency and the type of stretch wrapper manual, semi-automatic and fully automatic.

### **SAVES TIME**

Increased productivity because stretch wrapping is fast and easy to apply. A manual stretch wrapper can cut hand wrapping in half while a semi-automatic stretch wrapper can allow employees to stage the next load or finish paper work.

### **SAVES MATERIAL**

When hand-wrapping film is stretched 20% -30% in comparison to a NITECH stretch wrapper that can stretch films over 200%. Material savings means reduced packaging expenses due to less inventory of packaging materials and because stretch films cost less per package than other packaging materials.

### **LESS WORKER FATIGUE**

When hand wrapping, the first pallet wrapped always seems to be the most consistently wrapped. A NITECH stretch wrapper applies the film with the same tension and coverage each cycle, insuring that the 1st load and the 50th load are always wrapped the same. The operator will now stand in one place eliminating getting dizzy from walking in circles and bending or reaching to wrap the base and top of the pallet.

### **WORKERS BECOME MORE EFFICIENT**

Hand wrapping a pallet can take up to 4 minutes with a NITECH stretch wrapper this time can be cut in half. With a NITECH semi-automatic stretch wrapper a 40" x 48" pallet 5 Ft. tall can be wrapped in over 1 minute. During the wrap cycle of a semi-automatic stretch wrapper the operator can complete other tasks such as paper work or stage the next load to be wrapped.

### **BETTER LOAD RETENSION**

A NITECH Stretch wrapping unitizes the product together and to the pallet. This reduces shifting, lean and guarantees to keep your load intact until it arrives at the final destination.