

**SIGNODE®**

**2040H**

**High-Strength  
Tenax®  
Polyester  
Strapping**

The  
**PERFORMANCE**  
of steel

The  
**ADVANTAGES**  
of plastic

**S**ignode's High-Strength Tenax® polyester strapping is specially formulated to have the properties of steel while providing many of the superior performance advantages of plastic strapping. Approved by the AAR for open top and closed car shipments, High-Strength Tenax is recommended as a substitute for steel strapping up to and including 3/4" x .035".\* It is ideal for lumber, structural panel, particle-board and fiberboard applications.

### Superior strap performance

The excellent elongation and recovery characteristics of polyester strapping help straps stay tight and absorb impacts without breaking. It is the strapping product of choice for panel products that shrink and settle after cooling, and for lumber loads that expand in wet weather or during pressure treating. The polyester material resists ultraviolet degradation when exposed to long-term outdoor storage.

Polyester strapping is also easier to handle than steel, and will not damage forklift tires.

### Improved load appearance

Unlike steel which can rust, polyester strapping does not stain your product when exposed to the elements. It also reduces indentation at the unprotected corners of your package, reducing rejection rates and waste.

### Reduced packaging costs

Signode's sealless technology eliminates the need for you to purchase and inventory metal seals. High-Strength Tenax is also recyclable, saving you money on disposal costs and reducing packaging waste.

With more footage per coil than steel, High-Strength Tenax reduces handling costs and coil changeovers. It is also lighter than steel, reducing freight costs and operator fatigue. (A 58 lb. coil of 2040H High-Strength Tenax contains 4,000 ft. of strap versus 1,570 ft. on a 100 lb. coil of 3/4" x .025" steel.)

\*Proper railcar bracing methods must be used in conjunction with High-Strength Tenax strapping to ensure superior load arrival conditions.

**SIGNODE®**

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# Tools and Systems for High-Strength Tenax®

*Signode has developed a new generation of strapping tools and machinery for High-Strength Tenax strapping. These systems provide the higher levels of tension necessary to make full use of the unique properties of high-strength polyester strapping. They ensure tight straps even on loads that shrink, settle or expand. Signode's hand combination tools and automatic strapping head utilize our patented sealless weld joint technology, which eliminates seal indentations.*

## PHT pneumatic combination strapping tool

- All pneumatic operation
- Pulls up to 800 lbs. of tension
- Patented Z-weld™ (sealless) joint



## VT pneumatic combination strapping tool

- All pneumatic operation
- Compact design, only 9.3 lbs.
- Pulls up to 800 lbs. of tension
- Tension-weld joint



## AMT manual combination strapping tool

- Easy to use
- Pulls up to 600 lbs. of tension
- Portable and lightweight
- Uses a patented raised tooth metal seal



## MHT-80 strapping head for special application lumber and panel presses

- Proven reliable
- Pulls up to 800 lbs. of tension
- Patented Z-weld (sealless) joint

