



TRU-RAIL

INHOUSE & TRANSIT
HOLLOW

Returnable Support Packaging



TRU-RAIL

INHOUSE & TRANSIT
SOLID

Returnable Support Packaging

Presented by:



"Value Proposition"

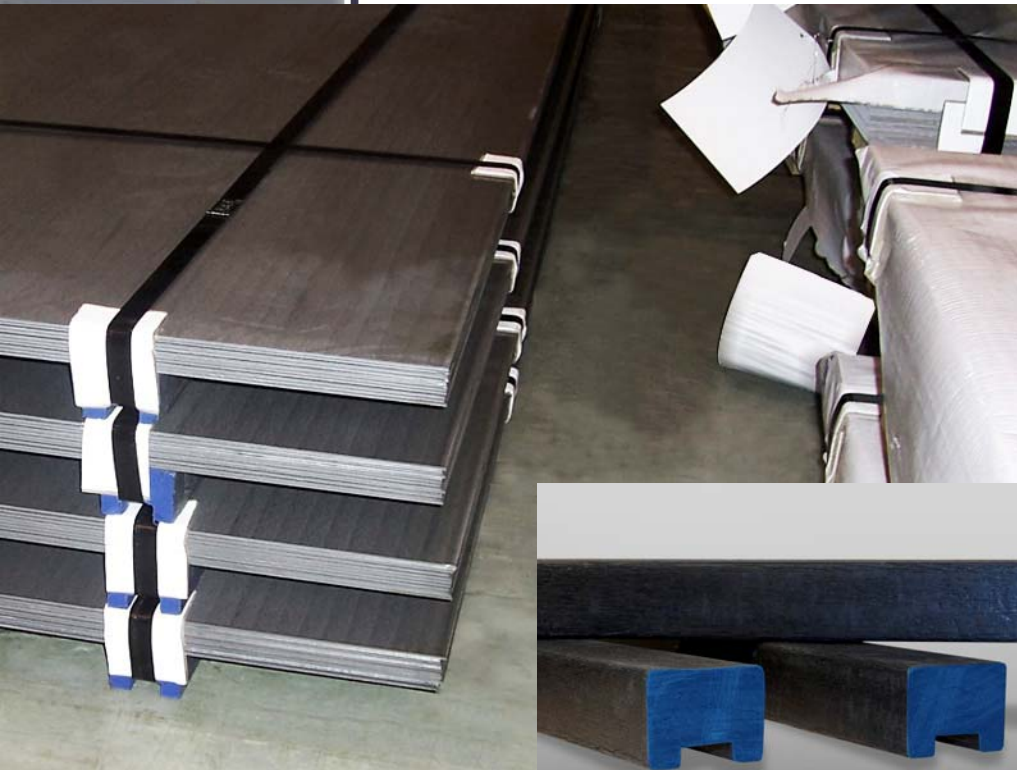
TRU-RAIL Returnable Support Packaging (RSP)

Our goal is to meet packaging objectives across the Metals Industry Supply Chain, and to maximize efficiencies for both Inhouse, and Transit applications. The unique TRU-RAIL System helps you to move bundled sheet product Faster, Safer, with Less Waste, and more Cost-Effectively. TRU-RAIL delivers:

- **Superior Product Protection: Prevents Damage from Rust**
- **Sustainable & Cost-Effective: Eliminates Paper & Disposal**
- **Nail, Dust & Splinter-Free: Cleaner, Safer Workplace**
- **Customized Solution: Cut-to-Length Versatility & Precision**
- **Space-Efficient: Reduced Storage & Transport Footprints**
- **Supply Chain Benefits: 'In-House' & 'Transit' Applications**
- **Durable Recycled HDPE: Extended Service Life, Reduced Costs**



“ With TRU-RAIL, there is no rust, there is no mess from skids, there is no paper to purchase, apply and then throw away, and the Return Program is 1/10th the cost of returning wooden skids.”



“Elimination of paper is really a big issue. We don’t have to buy paper, pay to cut and apply it, plus our customers don’t have to fill up their dumpsters with paper.”

“The TRU-RAIL System is clearly the best packaging choice for our operations. I can’t imagine our customers ever going back to skids once they’ve switched to TRU-RAIL.”

Operations Manager, Major Steel Services Company



Superior Product Protection:

Prevents Damage from Rust

- **Individual Runners / Spacers for Flexible Placement & Product Support**
- **Made of Non-Absorbent, Moisture & Oil Resistant Plastic Material**
- **Eliminates Exposure to Wood Moisture, Metal Fasteners, or Mold**
- **Prevents Rust Damage & Costly Product Replacement Claims**
- **Enhances 'Delivered Quality' of Bundled Product & Brand Reputation**

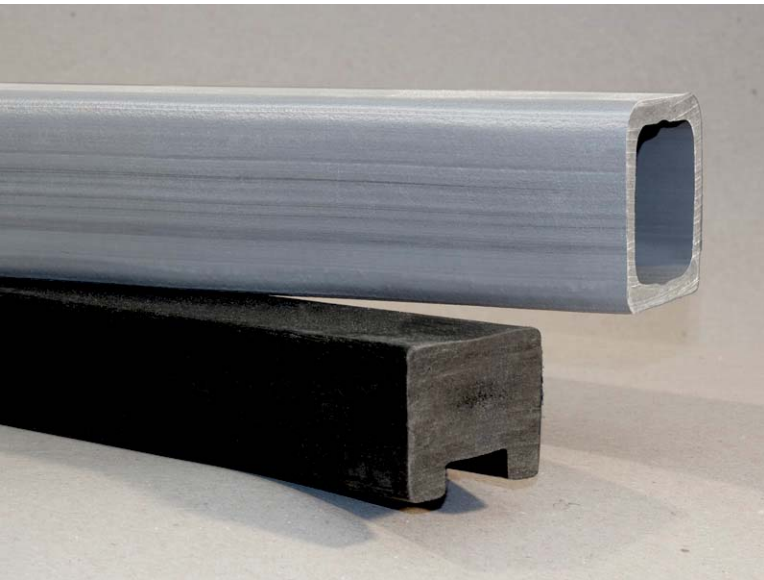
Sustainable & Cost Effective:

Eliminates Paper & Disposal

- **Eliminates the Need for Protective Paper & Most Edge Protectors**
- **Reduces Packaging Costs, Hours of Labor, & Environmental Impacts**
- **Avoids Hard Costs from Disposal & Diverts Material from Landfills**
- **Recyclable at End-of-Life; 'Full-Circle' Sustainable Packaging**
- **Enhances Corporate Sustainability Initiatives & Lean Operations**

Nail, Dust & Splinter-Free:

Cleaner, Safer Workplace



- **Smooth Extruded Plastic Surface – Eliminates Risk of Injury from Splinters**
- **One-Piece Construction – No Danger of Injury from Protruding Fasteners**
- **Eliminates Airborne Wood Dust & Granular Dirt Particles from Skids**
- **More Ergonomic Handling – Component-Based Rail / Separator System**



"We're currently using TRU-RAIL to store unpackaged sheets. We were having problems with the material rusting from wooden separators, and this system was a great alternative. We had tried wrapping out sticks in paper & plastic, but we had problems with both, either ripping or falling off. TRU-RAIL has solved these problems."



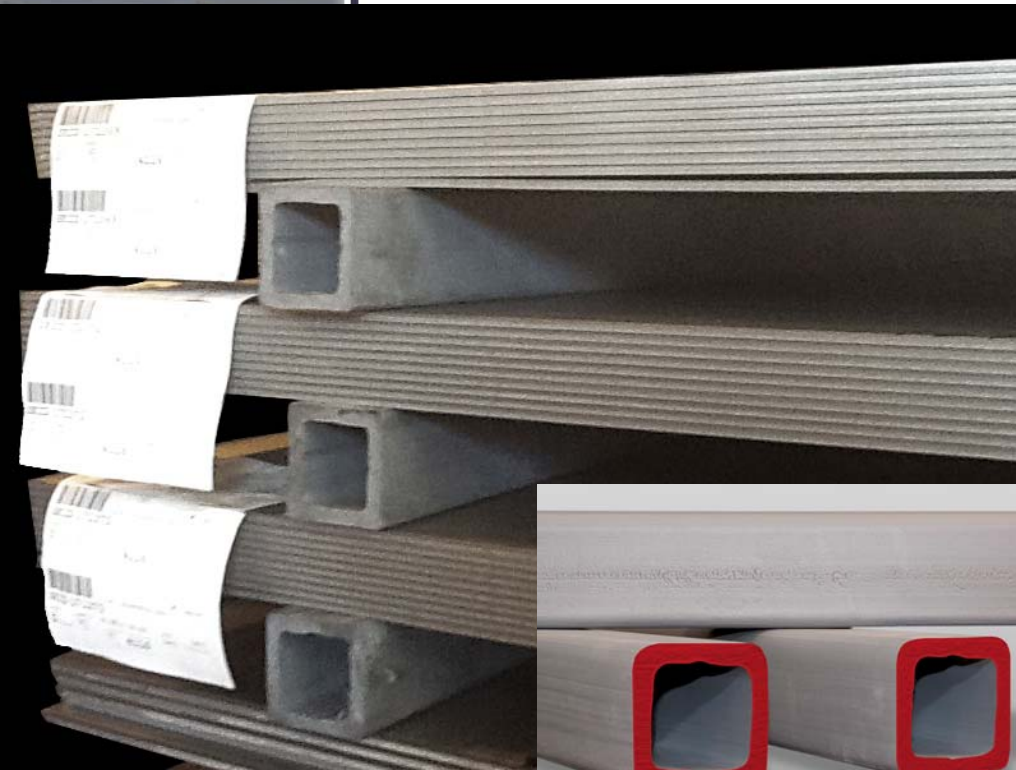
"Another nice option with TRU-RAIL is the versatility in runner length. We use TRU-RAIL runners in 1' increments from 2' up to 12'. When preparing any customer's material, we have no skid ordering, building, or delivery delays in the process."

"TRU-RAIL runners are stored in a rack and consumed as needed, then refilled with an efficiency that skids could never compete with."

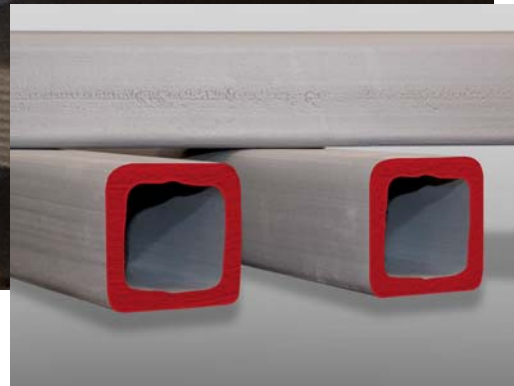
Operations Manager, Major Steel Services Company



“Shipping material with TRU-RAIL, as well as returning the plastic runners is more economical than using wooden skids. Wood takes up room, and when you have skids to be returned, you end up paying for a lot of air between those boards.”



“We pick up 300 – 400 TRU-RAIL runners at a time from our customers, and that quantity take up a 10' – 12' section of the truck. 300 – 400 runners equates to 150 – 200 shipped bundles. If you tried to ship 150 – 200 skids back on a truck, you would need several tractor-trailer loads to get the job done!”



Operations Manager, Major Steel Services Company

Customized Solution:

Cut-to-Length Versatility & Precision

- **Available in 1' Increments; Order Lengths to Maximize Versatility of Use**
- **Runners may be easily Cut-to-Length for Optimized Loads of Product**
- **Onsite Sizing of Runners enables Quick Response to Customer Needs**
- **Eliminates Ordering, Building, or Delivery Delays for custom skids**

Space-Efficient:

Reduced Storage & Transport Footprints



- **Efficient Rack Storage & Quick Replenishment of Runners**
- **Improves Storage Space Utilization; Real Estate is Freed-Up**
- **Streamlines Return Shipments of Runners; Optimizes Load Handling**
- **Reduces Backhaul Costs for Returnable System; 'No Air' Load Cube**

Supply Chain Benefits:

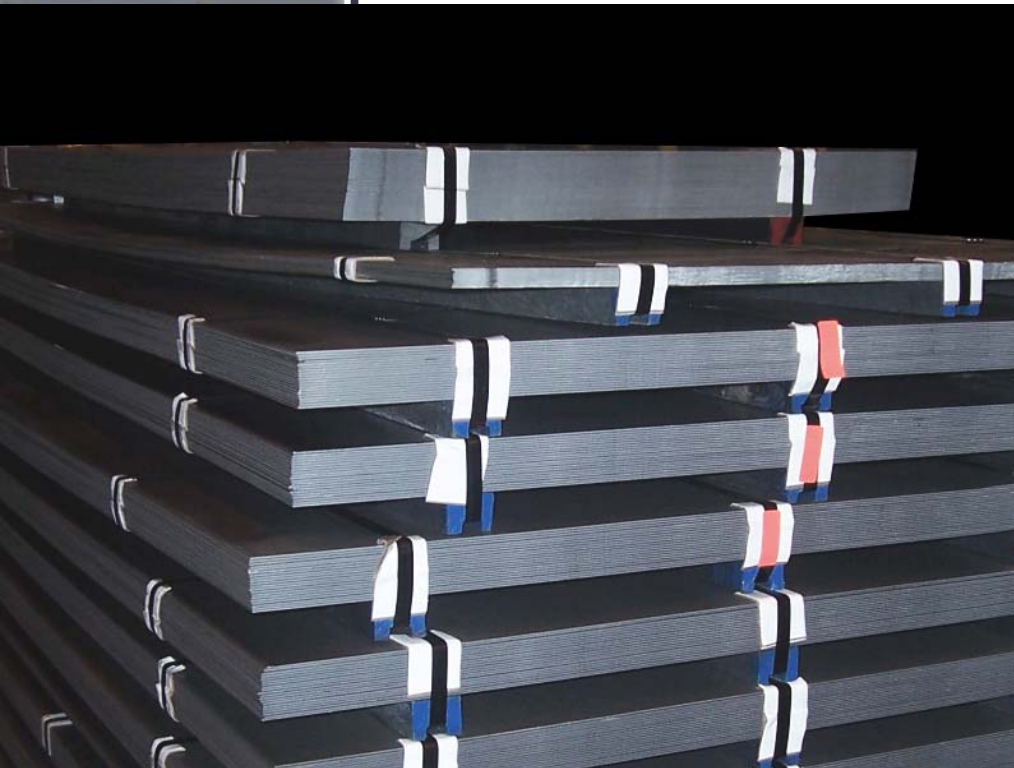
'InHouse' & 'Transit' Applications



- **Improves Materials Management;
Reduces Ordering & Disposal Costs**
- **Optimizes the Safe Handling & Flow
of Material for Work-in-Process**
- **Eliminates Unnecessary Materials,
Work Processes, & Labor Steps**
- **Enhances ID / Tracking Options:
Custom-Branding; Color-Coding;
RFID**



“We use TRU-RAIL runners on all material starting at .060 and thicker. They work equally well on sizes from 2’ x 2’ up to 96” x 240”. The material type doesn’t matter – TRU-RAIL can handle it all.”



“On average, each TRU-RAIL turns 8 – 10 times per year. We only turn our inventory 5 – 6 times per year, so a portion of the runners is stored under load, just waiting to ship.”

“We have TRU-RAIL runners that are over 20 years old still in the system. We have had no functional loss other than the normal shrinkage that we experience with returnables due to breakage, customer scrapping, excessive damage, etc.”

Operations Manager, Major Steel Services Company

Recycled HDPE:

Extended Service Life, Reduced Costs

- **Delivers Durability: 100% Recycled HDPE ‘Engineered’ Plastic Resins**
- **Maintains “True” Dimensional Stability; Provides Superior Support**
- **Extends Active Service Life for Returnable System; No Repairs Required**
- **“Right-Fit” Reusable Packaging: Reduce Product Damage & Waste**

TRU-RAIL RSP

System Specifications

TRU-RAIL Runners are available in two versions – **SOLID & HOLLOW** – to meet specific Packaging Requirements for Bundled Sheet Products.

APPLICATION GUIDE –GAUGE RANGES HANDLED:

- **Light Gauge Sheet:** 27ga (0.016) – 17ga (0.053)
- **Standard Gauge Sheet:** 16ga (0.060) – 3ga (0.239)
- **Plate Products:** 0.250 – Up

Note: Spec Information Provided for Planning Purposes Only



TRU-RAIL 'Solid Runner' with Strapping Groove SPECIFICATIONS:

- 1.75" x 2.25"
- Strapping Groove 1" Wide
- Custom Profiles Available
- Available in Lengths Up to 20 Feet
- **Total Load-Bearing Capacity** - 3,500 lbs. per Linear Foot
(Do Not Exceed Recommended Loads)
- **Colors** - Standard (*black*)
Color Options Available
- **ID** - Custom Branding / Labeling Available



TRU-RAIL 'Hollow Tube' SPECIFICATIONS:

- v1 - 2.5" x 2.5" x .25"
- v2 - 2.875" x 3.375" x .3125"
- Custom Profiles Available
- Available in Lengths Up to 20 Feet
- **Total Load-Bearing Capacity**
v1 - 2,000 lbs. per Linear Foot
v2 - 4,000 lbs. per Linear Foot
(Do Not Exceed Recommended Loads)
- **For Short-Duration Loading**
(6 months or less)
- **Colors** - Standard (*gray*)
Color Options Available
- **ID** - Custom Branding / Labeling Available

Also Offering: High-Performance Plastic Solutions for Metal Coil Packaging:
Coil Cradles; Coil Pads; Coil Skids

TRU-RAIL Custom Profiles Available; *Runners Not Suitable for Skid Construction*



CONCLUSION:



After years of development with the Metals Industry, Tree Brand Packaging now offers the innovative TRU-RAIL RSP System to significantly improve the safe Movement, Storage, and Distribution of your Bundled Sheet Product. TRU-RAIL Runners/Spacers are fully returnable and ideal for multiple-trip applications in a closed-loop environment, or within a well-managed supply chain. Constructed of ultra-durable 100% recycled HDPE plastic resins, TRU-RAIL runners deliver on the promise of sustainability. TRU-RAIL RSP extends trip-life, and eliminates disposal costs for paper and unnecessary packaging.

At its core, the TRU-RAIL System is designed to aggressively eliminate Product Damage & Packaging Waste, create 'hard-savings' for your operations, and to provide a rapid return on your Packaging Investment.

*Contact Us Today with Your Application Requirements –
We have the Solution!*



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