

# HYBRID PIPELINE SLEEPER

*The Strength of Steel & the Durability of Plastic*

## The strength of steel

- Support at least 10,000-pound loads on most virgin soils
- Up to 25,000-pound loads on most engineered surfaces

## The durability and longevity of plastic

- Heavy-duty, high-impact, UV-stabilized HDPE shell
- Impermeable to water and frost
- 25+ year expectancy covers the life of your project

## Universal saddle for versatility and value

- Supports any pipe up to 36" OD
- 10" of clearance for easy flange access
- Saddle acts as a guide and provides ovality resistance
- Custom units available for any pipe diameter or clearance between grade and bottom of pipe

## Sleeper moves with your pipeline

- Sleeper moves with pipeline as it expands and contracts without toppling or damaging pipeline
- Pipeline also moves along the saddle meaning no costly wear pads and less maintenance

## Easy to handle and quick to install

- Lightweight at about 63.2 pounds (28.7 kg)
- Built in lifting points for easy handling

## Install on virtually any surface

- Install directly on virgin soils or engineered surfaces
- Level and inclined surfaces

## Low installation and transport costs

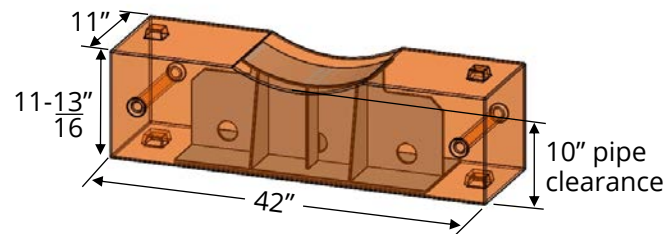
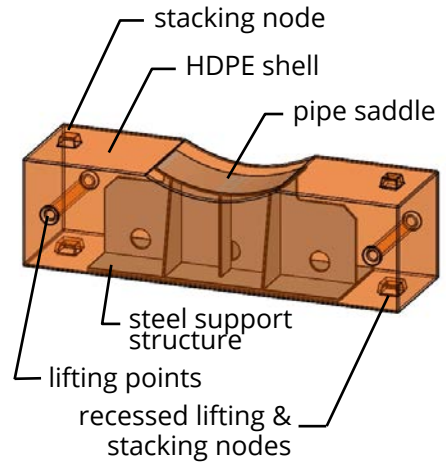
- No skilled trades people or heavy equipment
- Hundreds of sleepers fit on a truck

## Environmentally and pipeline friendly

- HDPE is inert & softer than most pipeline coatings
- Corrosion-free and no soil contamination
- 100% recyclable after its 25+ year life expectancy

## Increase worksite safety and diversity

- Built-in lifting points for easy handling
- High-visibility colors or glow in the dark
- Interlocking nodes for stacking and storage
- No metal-to-metal contact, straps or hot work
- Easy access to flanges for pipeline maintenance



## Field-proven in the Oil Sands

- Tough and built to last for 25+ years
- Consistent performance between 40 °C / 104 F° and -40°C / -40°F

## Countless applications

- Crude oil and natural gas pipelines
- Hot process water lines
- Mine tailings and slurry lines
- Water transmission lines
- Commercial and residential piping
- HVAC systems
- Stringing and welding
- Integrity digs
- Pipe inspection and fabrication
- Pipe storage and transportation

**Contact us to discuss a free consultation or custom design**

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## Base Model Technical Specifications

- Load rating: 25,000 pounds (110 kN)
- Steel skeleton: CSA G40.21 A36/44W (350WT CAT 4 also available)
- Shell: Rotomolded high-density and UV-stabilized 8860 HDPE resin
- Dimensions: 42" L x 11" W x 11-13/16" H (1,067mm L x 300mm W x 279mm H)
- Universal saddle accommodates any pipe up to 36" OD (custom sizes available)
- 254mm (10") of clearance below pipe (custom heights available)
- Sleeper weight: 63 lbs (28.7 kg)

## Typical Installation Guidelines

- Prepare sleeper placement site to virgin soil and as level as practically possible
- Place sleeper on grade without any dunnage, shimming, or anchors
- Install sleeper perpendicular to centerline of pipeline
- Maintain a vertical pipe load to side load ratio of less than 2.5:1

## Every Pipeline is Different

Although the Hybrid Sleeper is a one-size-fits-all support solution, please contact us to discuss appropriate sleeper spacings, considerations for different soil types, the benefits of site preparation, and suggestions for placing the sleepers on a slope.



Proudly developed and manufactured in **Canada** by 

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