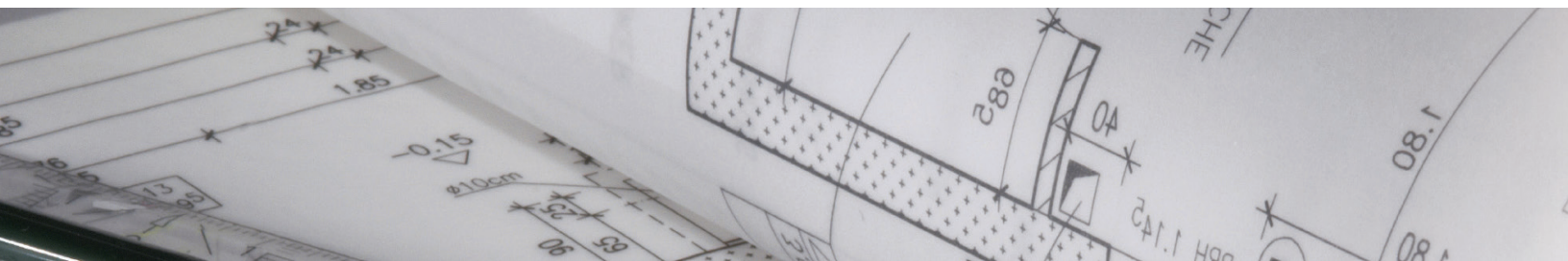




## Pentalift Dock Seals and Shelters



With 30 years of experience manufacturing quality Dock Seals and Shelters, Pentalift is your single source supplier for Loading Dock Levelers, Elevating Dock Lifts, Vehicle Restraints, and much more.



# Engineered for Safety



# Pentalift offers a wide range of Dock Seals and Shelters which reduce heating and cooling costs, protect products and improve working conditions.



Since 1983 Pentalift has grown to be recognized as one of North America's premier manufacturers of loading dock and dock lift equipment. The simple business philosophy of manufacturing a quality product with user safety in mind continues to be our approach in the marketplace. Pentalift's continuing success in designing, engineering, and manufacturing loading dock and dock lift solutions has gained Pentalift an excellent reputation within the materials handling industry. The dock seals and shelters featured on the following pages present the most extensive range available from a single source supplier.



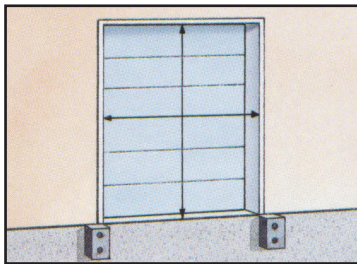
Pentalift has a team of industry experts with extensive experience that stands ready to assist you with your most complicated applications.



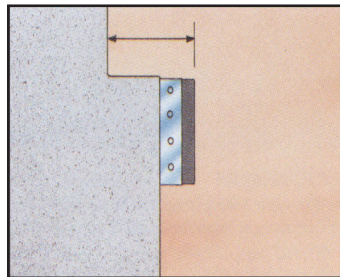
# Pentalift manufactures a complete range of dock seals and shelters designed to provide the following:

- **Efficiency:** Seals and shelters improve the loading dock environment. Worker productivity and morale can be related directly to improvements to the workplace environment and its safety.
- **Return on Investment:** Energy savings at the loading dock due to an effective dock seal/shelter installation can result in a rapid payback of the cost of the seals/shelters.
- **Merchandise Protection:** Protect valuable products from the damaging effects of heat, cold, rain, snow, dust and wind. Dock seals/shelters minimize vermin entry.
- **Safe Working Conditions:** Keeps weather out, eliminates rain, ice and snow from loading areas improving dock safety.
- **Energy Loss Savings:** Reduce heating and cooling costs by maintaining interior temperature control.
- **Security:** Helps to eliminate pilferage of goods and unauthorized entry into loading/unloading areas.
- **Increased Storage Capabilities:** Trailers positioned at the loading dock become secure, temperature-controlled extensions of the facility.

## Consider these factors when selecting a dock seal or shelter:

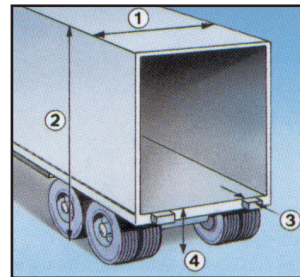


**Size of Overhead Door to be sealed:** The size of door opening determines most suitable model of seal or shelter to be installed. *To select most suitable seals or shelters for specific door openings refer to the size recommendations for each model.*

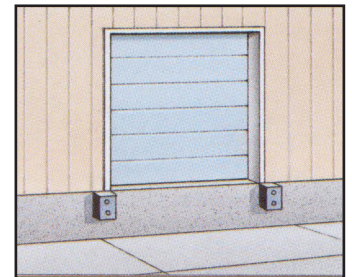


**Dock Bumper Projection:** The difference from the face of the wall on which the dock seal or shelter will be mounted to the front face of the dock bumper.

**Dock Height:** The difference in the height of the dock from the finished grade to the top of dock floor.



**Configuration of Trucks/Trailers to be sealed**  
Dimensions to consider are:  
1) Width of trucks/trailers serviced  
2) Height of trucks/trailers serviced  
3) Truck bumper projection  
4) Truck/trailer bed heights

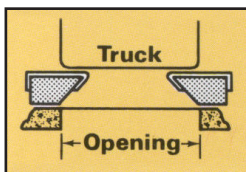


**Seal/Shelter Mounting Surface:** The strength and type of wall construction may determine the style of seal/shelter to be specified. Inflatable dock seals/shelters are best suited for applications where the wall is not designed to accept the higher compression forces typical with conventional seals or shelters. Consideration of wall obstructions such as canopies, light fixtures, etc. is essential.

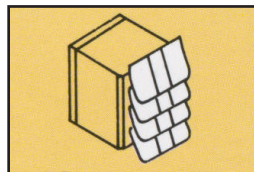
## Fabric Materials and Colors

Pentalift's selection of quality covering materials is manufactured to outlast and outperform many common covering materials used by our competitors. High quality covering materials minimize tears from sharp truck edge/hinges. High quality covering materials also offer increased abrasion resistance as the truck moves up and down against the covering material during the loading/unloading operation.

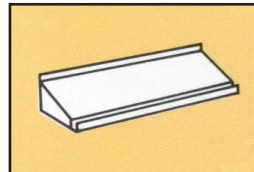
## Common Options



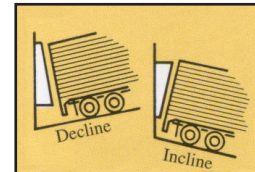
Beveled Side Pads



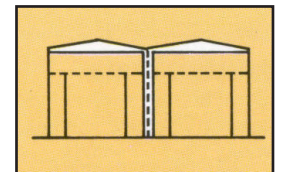
Wear Pleats



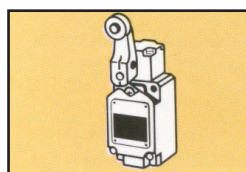
Metal Hood



Tapered Units



Common Member



Interlock Switch

- Pressure treated wood backboard
- Build-out boxes for additional projection

- Full height yellow guide stripe on dock shelters
- Trailer door hinge gap seal on dock shelters
- Higher or lower side pads

# Pentalift Model PS 100 Fixed Head Pad Dock Seal

Designed for door openings up to 9' wide x 9' high



**Considerations:** Ideal dock height is 48"-50". Level vehicle approach is ideal. If approach is declined or inclined adjust bumper projection accordingly. Recommended side and head pad projection is 4"-6" beyond the face of the dock bumpers.

## Features:

- Enviro-Green foam design scores LEED Certification credits
- Standard 12" high head pad
- Standard 12" face side pads
- Galvanized brackets maintain building aesthetics
- Kiln dried quality wood backboard as standard
- Single base cover fabric
- Minimum of 3, 1½" diameter exhaust holes per side pad and head pad allows air to easily escape during vehicle positioning
- Evenly applied adhesive assures secure bonding of foam to backboard
- Full length 4" yellow guide stripes assists with proper vehicle positioning

## Options:

- Pressure treated wood backboard
- Wear pleats on face of dock seal provides added protection against wear
- Metal hood with gutter protects against snow build up and rain runoff
- Complete range of head pad designs to address specific application needs
- Beveled side pads
- Tapered side pads
- Bottom seal/ horizontal pad
- Fixed head pad drop curtains for lower trailers
- Build-out boxes for large projection applications



# Pentalift Model PS 200A Adjustable Curtain Dock Seal

Designed for door openings up to 9' wide x 10' high

## Features:

- Enviro-Green foam design scores LEED Certification credits
- Standard 24" drop head curtain
- Structural steel rod sewn into top of head curtain provides weight to resist rain/snow build up
- 1" x 3" kiln dried wood attached to head curtain provides rigid installation onto building wall
- 2" tapered top on side pads ensures rain/snow run off
- Galvanized brackets maintain building aesthetics
- Kiln dried quality wood backboard as standard
- Single base cover fabric
- Minimum of 3, 1½" diameter exhaust holes per side pad allows air to easily escape during vehicle positioning
- Evenly applied adhesive assures secure bonding of foam to backboard
- Full length 4" yellow guide stripes assists with proper vehicle positioning

## Options:

- Pressure treated wood backboard
- Wear pleats on face of dock seal provides added protection against wear
- Metal hood with gutter protects against snow build up and rain runoff
- Complete range of head curtain designs to address specific application needs
- Beveled side pads
- Tapered side pads
- Longer head curtains for lower trailers
- Build-out boxes for large projection applications
- 



**Considerations:** Ideal dock height is 48"-50". Level vehicle approach is ideal. If approach is declined or inclined adjust bumper projection accordingly. Maximum recommended side pad projection is 4" - 6" beyond the face of the dock bumpers.

# Pentalift Model PS 400 Rigid Dock Shelter

Designed for door openings 10' wide x 10' high or greater



## Features:

- Raked head frame to ensure proper rain run off
- Fiberglass stays provided in side and head curtains create proper pressure of curtains against trailer
- 30" head curtain drop standard
- 24" wide side curtains standard
- 18" - 24" - 30" shelter frame projection standard
- Enamel coated steel frame construction
- Wind straps to maintain proper seal at top corners
- Translucent panels cover head frame providing improved illumination during loading / unloading
- Galvanized steel trim maintains building aesthetics
- 4" wide x 24" high yellow guide stripes assists with proper vehicle positioning
- Bottom cushions to provide a draft seal between side curtains and the building wall at dock height
- Structural steel protective guards protect shelter side frames
- Wear pleats on corners of head curtain

## Options:

- Translucent side panels
- Galvanized steel frame assemblies
- Pressure treated wood frame assemblies
- Trailer door hinge gap seal
- Full height yellow guide stripes
- Higher or lower side frames
- Wider or narrower head frame
- Extended projection head frame and side frames
- Tapered to suit declined or inclined approach



# Pentalift PSI Series Inflatable Dock Seals and Shelters

Pentalift inflatable dock seals and shelters are designed to provide an energy efficient seal accommodating a wide range of loading dock door sizes. When not in use Pentalift inflatables are kept in the deflated position increasing the life expectancy of the product. Pentalift inflatables are easily interlocked to the overhead door, vehicle restraint or dock leveler to further automate a controlled environment during the loading/unloading operation. The inflatable design minimizes abrasion and eliminates pressure on the building wall often associated with a compression seal. Pentalift inflatables provide the most effective weather protected passageway between the building and the truck.

## PSI 350 Inflatable Dock Seal



- Designed for door openings up to 8' wide x 10' high
- 42" drop inflatable head member seals on the top of the trailer for better sealing and improved protection against rain runoff back into the building
- 2 side members seal around the back frame of the trailer opening
- Raked head frame, pressure treated wood, translucent top panel
- Kiln dried wood side member backboards
- Galvanized steel trim maintains building aesthetics
- 4" wide by 24" high yellow guide stripes assists with proper vehicle positioning
- Completely assembled 1/2 Hp 115-230/1/60 motor/blower
- On/Off activation switch with overload protection and indicator light

## PSI 450 Inflatable Rigid Dock Shelter



- Designed for door openings up to 12' wide x 12' high
- 42" drop inflatable head member seals on the top of the trailer for better sealing and improved protection against rain runoff back into the building
- 2 side members seal on the outside of the trailer providing full access to the back of the trailer opening, ideal for end loading
- Raked head frame to ensure proper rain runoff
- 100% pressure treated wood frame construction
- Translucent panels cover head frame and side frames
- Inflatable side members seal to sides of trailer
- Galvanized steel trim maintains building aesthetics
- 4" wide x 24" high yellow guide stripes assists with proper vehicle positioning
- Completely assembled 1/2 Hp 115-230/1/60 motor/blower
- On/Off activation switch with overload protection and indicator light
- Structural steel protective guards protect shelter side frames
- Bottom cushions to provide a draft seal between side members and curtains and building wall at dock height

## PSI 550 Inflatable/Retractable Dock Shelter



- Designed for door openings up to 10' wide x 12' high
- 42" drop inflatable head member seals on the top of the trailer for better sealing and improved protection against rain runoff back into the building
- 2 side members seal on the outside of the trailer providing full access to the back of the trailer opening, ideal for end loading
- Raked head frame to ensure proper rain runoff
- Raked head frame, pressure treated wood, translucent top panel
- Kiln dried wood side member backboards
- Curving inflatable side members c/w inflatable bottom pad
- Galvanized steel trim maintains building aesthetics
- 4" wide x 24" high yellow guide stripes assists with proper vehicle positioning
- Completely assembled 1/2 Hp 115-230/1/60 motor/blower
- On/Off activation switch with overload protection and indicator light

# Other Dock Seals and Shelters from Pentalift

**PS-700**  
L-Shape Dock Seal



**RS-800**  
Rain Stop Seal



**PSI-150**  
Fixed Header Inflatable Dock Seal



**PSI-250**  
Adjustable Header Inflatable Dock Seal



**PSI-650**  
Inflatable Rail Shelter



**PS-470**  
Ultima Model Dock Shelter



Individual Product Catalogs are available and can also be found on our website.  
Pentalift also manufactures a complete line of Lift Tables for your in plant material handling needs.

Note: Some photos may reflect products with optional features. All Pentalift Equipment Corporation products are subject to design improvement through modification without notice.

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