



Working beyond today's challenges
PRODUCT CATALOG

APP



Make more possible

WHO WE ARE

We're a company that works to unleash the greatest potential in ourselves and in the clients and businesses we serve. We provide the industry's most advanced piping products, and pair those products with a true investment in your success.

Our goal is to help you move your business ahead. That means working together toward increased potential; not stopping once we've reached the status quo. That means the kind of knowledge sharing and education that will allow you to go forward confidently — with or without us at your side. The ability and willingness to make more possible — that's what APP delivers.

WHAT WE DO

We design, manufacture, and stock advanced pipe supports and products, each one rigorously tested, meeting exacting industry standards, easy to install, durable, and incredibly effective against pipe corrosion. These are the surface benefits that will save you time and money.

As a company, we strive to build on those attributes, offering you the benefit of our in-depth knowledge, and a productive relationship that will last as long as our piping products do. (And that's a long time.)

Products that go above and beyond

Better products don't just happen. They're the result of a serious investment in solving someone's problems. At APP, we make those investments daily. We work closely with our partner clients to solve the challenges they face today, then proactively look for the challenges that lie ahead. And through conversation, innovation, and cooperation, we solve those, too. Better products are a natural byproduct of our approach.

WEAR PADS

Designed to prevent metal-to-metal contact in piping systems, our wear pads are not only effective, but are the most cost-effective solution to pipe system corrosion.

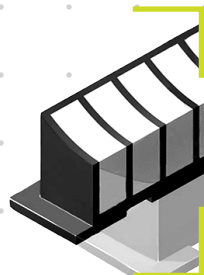
- 04 ProTek Composite Wear Pads
- 05 AeroTek Cradles
- 06 ProTek Package



PIPE SHOES

These non-metallic pipe support solutions are designed for extreme temperature conditions. Perfect for temperatures between -320°F and +400°F, and/or elevated and cryogenic piping systems.

- 07 CryoTek Pipe Shoes
- 08 ProTek Composite Pipe Shoes



CLAMPS/STRAPS/U-BOLTS

You need to restrain pipe movement and prolong the life of your system. We've got the line clamps, hold-down straps, and u-bolts that dampen vibration and relieve unnecessary stress.

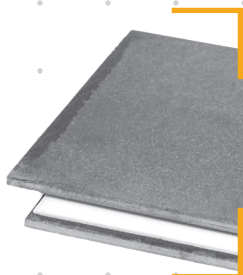
- 09 VibraTek Hold Down Clamps
- 10 Urethane-Lined Hold Down Straps
- 11 ProTek U-Bolts



METAL PIPE SUPPORTS

T-slides in multiple configurations hold pipes in place, reducing metal-to-metal contact, while our ProTek Slide Plates reduce friction and wear at expansion and contraction joints.

- 12 T-Slides
- 13 T-Slides with ProTek Composite Wear Pads
- 14 ProTek Slide Plates



PIPE HANGERS

Our complete range of steel pipe clamps, clevis hangers, and structural attachment and beam clamps is sure to meet your needs and exceed your expectations.

- 15 Pipe Hangers – Steel Pipe Clamps, Structural Attachments, Hanger Rods and Attachments



OTHER COMPOSITES

From the ProTek Rod's low coefficient of friction to our Bar Hopper and ProTek Slide Plate's respective corrosion resistance and friction reduction, our products are designed to represent an unprecedented level of strength, flexibility and longevity.

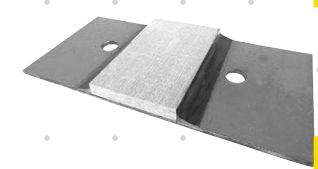
- 16 ProTek Rods
- 17 Bar Hoppers
- 18 ProTek Flat Plates



ACCESSORIES

Our Epoxy and Banding Systems are designed to enhance the effectiveness of our products. From high-strength, chemical-resistant epoxy to corrosion-resistant stainless steel banding, these components contribute to a longer life for your system.

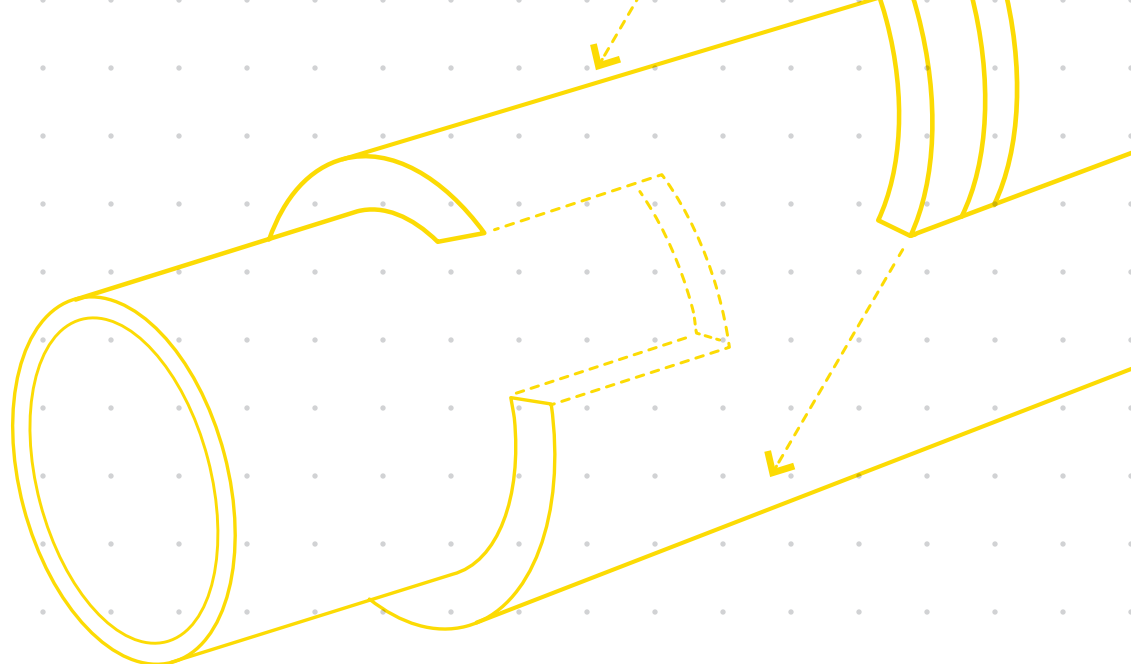
- 19 Epoxy System
- 20 Banding System



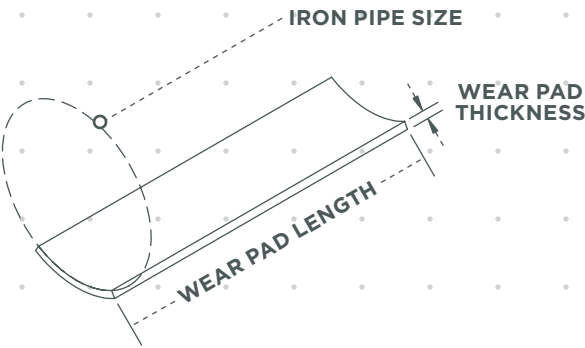
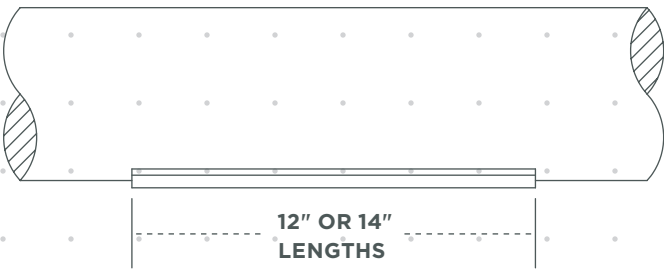
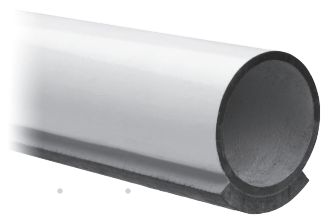
PART NUMBERS

All part numbers for various sizes of ProTek Wear Pads, ProTek Pipe Shoes, ProTek Flat Plates, ProTek Coated U-Bolts, and all accessories.

- 21 Part Numbers



ProTek Composite Wear Pad



ProTek Composite Wear Pads are designed to prevent metal-to-metal contact in piping systems. They effectively isolate the pipe from contact with I-Beams, guides or concrete supports. These areas are the most susceptible to corrosion and cost millions to repair and maintain. Our wear pads are the most cost-effective solution to piping system corrosion.

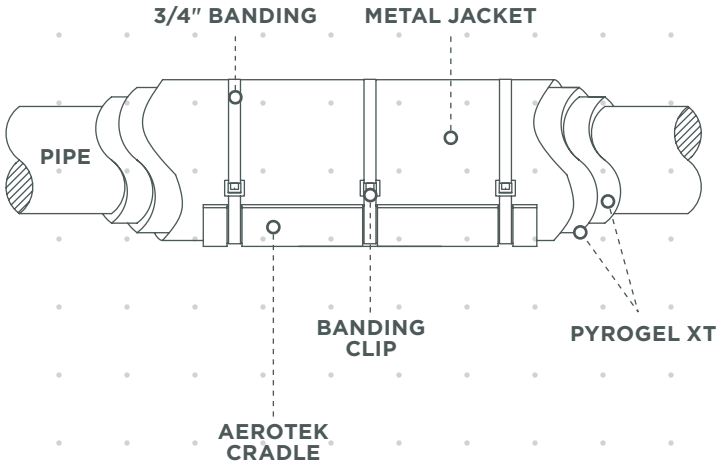
BENEFITS

- » Low cost of installation: no welding, hot work permits or highly skilled personnel required
- » Product minimizes maintenance and operational costs throughout the lifetime of the piping system
- » Wear Pad inside diameter (ID) precisely matches outer diameter of pipe
- » Wear Pad ID is pre-roughened for exceptionally high epoxy-to-wear pad bonding strengths as verified by ASTM D5528-01
- » APP provides on-site installation training and inspection services for all fabricators, constructors and end users that install our products at no charge

SPECIFICATIONS

COMPOSITION	APP-VEFR
MAX COMPRESSIVE STRENGTH	53,000 lbs. per ASTM E8
TEMPERATURE RANGE	-320°F to +400°F
INSTALLATION	EX-100 Epoxy System
REQUIRED ACCESSORIES	Epoxy, static mixing nozzle, manual dual epoxy applicator
CUSTOM MANUFACTURING	Available in any thickness, degrees of coverage and length

AeroTek Cradle



The AeroTek Cradle is a cost-effective way to protect pipe insulation from support point abrasion in hot or cold services. Fiber reinforced, vinyl ester resin is molded to the exact dimensions of the insulation system. The composite cradle is banded to the piping assembly at the support locations using stainless steel bands. The bands are recessed in grooves cut into the outer surface of the cradle to prevent contact with the support underneath. Full scale laboratory testing indicates only nominal wear of the cradle after simulated multi-year service.

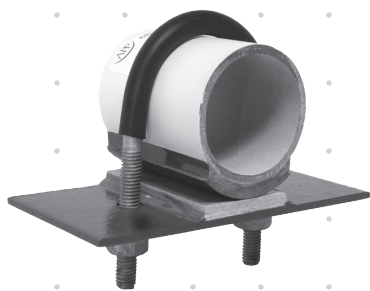
BENEFITS

- » Eliminates the need for pre-insulated pipe supports
- » Does not require a break in insulation like traditional welded or clamp on supports
- » Compatible with any type of load bearing insulation.
- » Eliminates corrosion issues associated with traditional metallic supports
- » Lightweight for ease of installation

SPECIFICATIONS

COMPOSITION	APP-VEFR
MAX COMPRESSIVE STRENGTH	Depends on load bearing insulation
TEMPERATURE RANGE	-320°F to +400°F
INSTALLATION	Field install, no welding
REQUIRED ACCESSORIES	Banding clip, fastener
CUSTOM MANUFACTURING	Will fabricate to your specific dimensions

ProTek Package

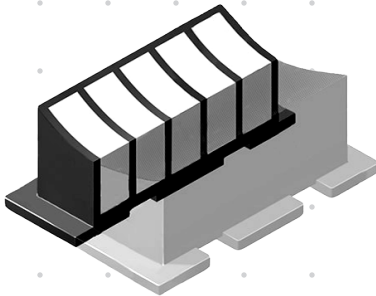


The ProTek Package combines three of our corrosion preventing solutions in order to completely isolate your pipe from any metal-to-metal contact. This grouping of products allows pipe movement to occur seamlessly without causing any abrasion issues. It was originally developed for use in demanding offshore environments where the cost of maintenance and repair can easily exceed millions over the lifespan of the facility. The ProTek Package minimizes the need for costly inspections and pipe repairs, which is why it is now being used by customers everywhere who care strongly about the total cost of ownership.

BENEFITS

- » Low cost of installation: no welding, hot work permits or highly skilled personnel required
- » Product minimizes maintenance and operational costs throughout the lifetime of the piping system.
- » Wear Pad inside diameter (ID) precisely matches outer diameter of pipe
- » Wear Pad ID is pre-roughened for exceptionally high epoxy-to-wear pad bonding strengths as verified by ASTM D5528-01
- » APP provides on-site installation training and inspection services for all fabricators, constructors and end users that install our products at no charge

CryoTek Pipe Shoe



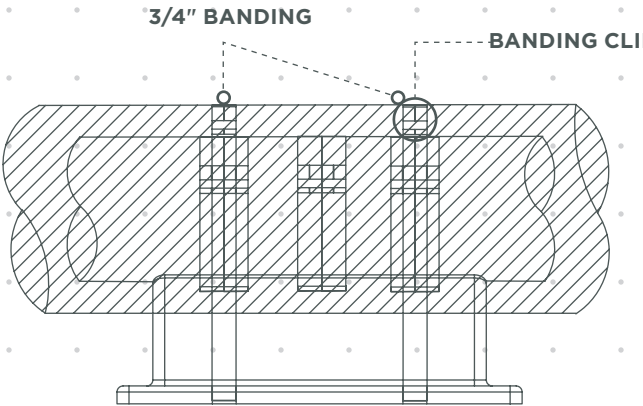
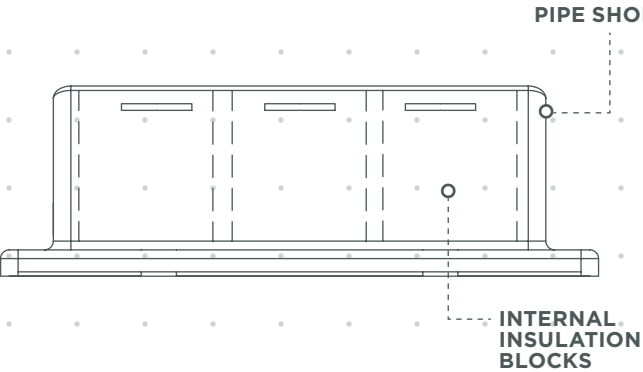
The CryoTek Pipe Shoe is a non-metallic pipe support solution for extreme temperature conditions, offering unparalleled, reliable performance in temperatures between -320°F and +400°F. It is ideal for elevated piping and cryogenic piping systems that involve gas liquefaction, LNG terminals/carriers, ethylene plants.

BENEFITS

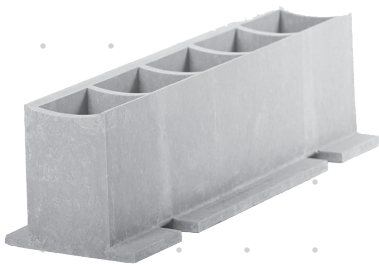
- » Composite VEFR technology does not promote temperature transfer, preventing ice formation and fluctuation in system temperature
- » Eliminates steel shoe multi-layer insulation requirement, which can delaminate over time,
- » Resin system is UV resistant, does not support heat combustion and can be combined with an intumescent coating to resist temperatures of 2,000°F for up to two hours
- » Installation takes a fraction of the time of traditional pre-insulated metallic supports
- » Lightweight. Can be installed and/or transported without the use of heavy-lift equipment
- » Safely encapsulates the fragile insulation used in cryogenic piping systems, preventing costly repairs

SPECIFICATIONS

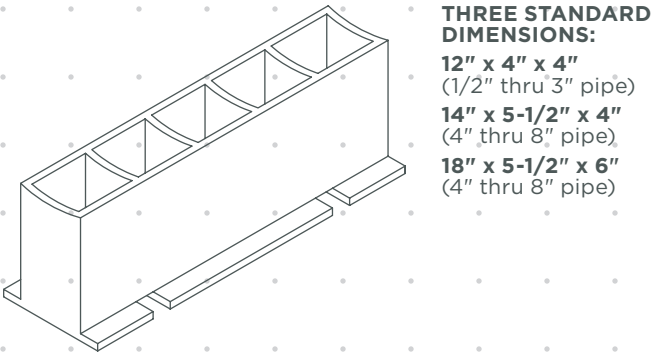
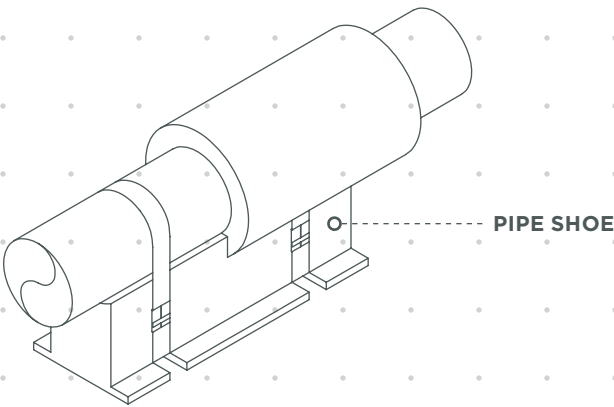
COMPOSITION	Monolithic unit, molded under vacuum from continuous strand glass mat in a hybrid thermosetting resin around a core of low-density polyurethane foam insulation
MAX COMPRESSIVE STRENGTH	27,500 lbs. per square inch
TEMPERATURE RANGE	-320°F to +400°F
INSTALLATION	EX-100 Epoxy Sytem
REQUIRED ACCESSORIES	Epoxy; static mixing nozzle; manual dual component applicator; steel bands, banding clips and banding tool
CUSTOM MANUFACTURING	Available in any diameter, width, height and length



ProTek Composite Pipe Shoe



ProTek Composite Pipe Shoe is a UV-resistant, non-metallic solution for elevated or insulated piping systems at the support points. It has 150,000 lbs. of compressive strength, a temperature range of -320°F to +400°F and is resistant to chemical attack. It is the optimal support for insulated or elevated piping systems in plants or refineries, both onshore and offshore.



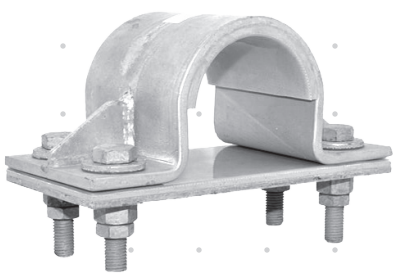
BENEFITS

- » Resilient to chemical and UV attack
- » Our composite, non-conductive material does not promote heat transfer, unlike metallic shoes; keeping the line at a constant temperature
- » Lightweight composite material allows for ease of installation and transportation
- » Installed using two stainless steel bands, effectively eliminating the need for welding and avoiding metal-to-metal contact. Can be installed in a fraction of the time it takes to install a metallic shoe and does not require skilled labor

SPECIFICATIONS

COMPOSITION	APP-VEFR
MAX COMPRESSIVE STRENGTH	150,000 lbs.
TEMPERATURE RANGE	-320°F to +400°F
INSTALLATION	The pipe is fastened to the shoe by stainless steel bands.
REQUIRED ACCESSORIES	Steel bands, banding clips and banding tool, silicone
CUSTOM MANUFACTURING	Available in any pipe diameter, height and length

VibraTek Hold Down Clamp



The VibraTek Hold Down Clamp is the premier solution to problems associated with vibration in piping systems. Our proprietary VibraTek liner is constructed to absorb vibration from compressors and reciprocating equipment to prolong the life of your piping system.

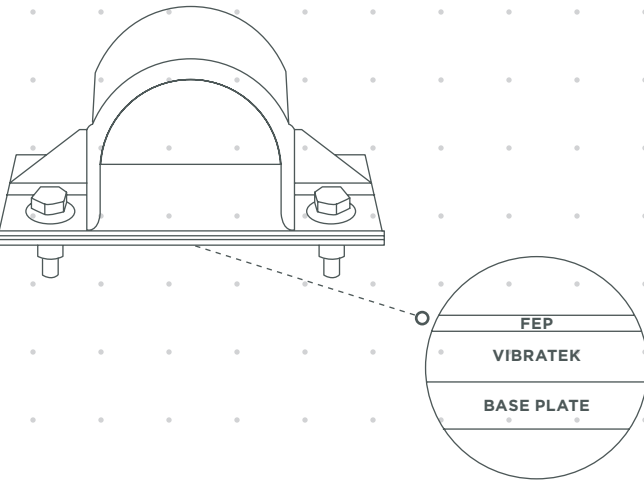
We incorporate specialized fiber-backed teflon to the VibraTek lining to add a low-coefficient of friction to its vibration dampening qualities. In addition to our VibraTek line, we can also line our clamps with your choice of lining materials; from urethane and neoprene to sodium etched teflon, there is no limitation to our services.

BENEFITS

- » Prevents unwanted and unaccounted for stress to piping and structural components
- » Liners are molded to the clamp's inside diameter, ensuring consistent thickness and secure bond
- » VibraTek does not harbor moisture due to its hydrophobic and non-porous properties, significantly reducing the occurrence of corrosion
- » HB-Teflon does not delaminate due to the strong mechanical bond created by fibers infused during manufacturing

SPECIFICATIONS

COMPOSITION	APP-VibraTek and HB-Teflon
MAX COMPRESSIVE STRENGTH	20,000 lbs.
TEMPERATURE RANGE	-60°F to 450°F
INSTALLATION	Field install
REQUIRED ACCESSORIES	None
CUSTOM MANUFACTURING	Will fabricate to your specific dimensions



Urethane-Lined Hold Down Strap

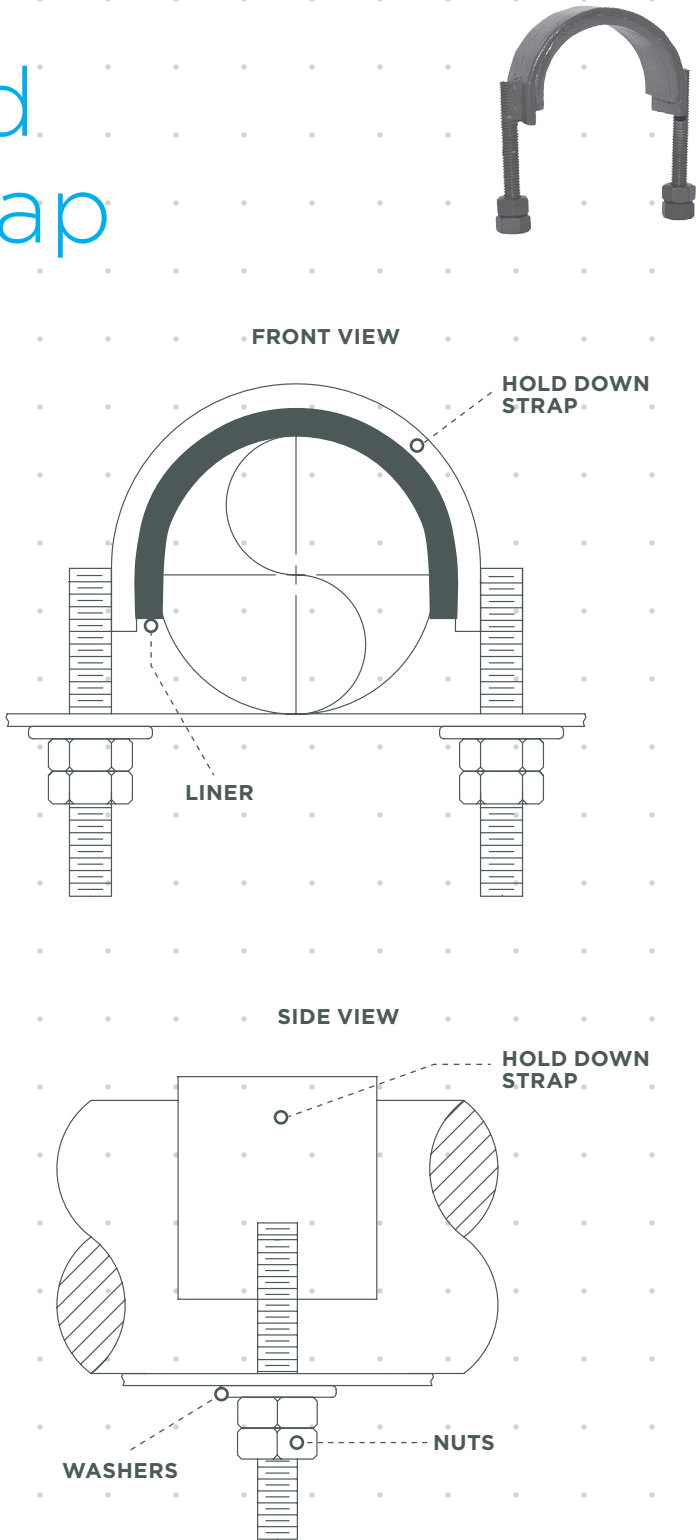
Urethane-lined Hold Down Straps are designed to protect the coating of uninsulated carbon steel pipes. We mold a heavy duty polyurethane liner to the inner diameter of our straps to ensure that delamination does not occur, even in extreme applications. Our lining material is the same that is used for pipe rollers in offshore applications. We can supply both in your desired finish: galvanized, Xylan coated, or Teflon coated.

BENEFITS

- » Eliminates metal-to-metal contact, preventing corrosion, and extending the life of the piping system
- » Liner is molded directly into the strap inner diameter to ensure high quality performance
- » Since the liner is not bonded but molded, there is no concern for delamination
- » Our liner contains UV inhibitors to protect against UV attack

SPECIFICATIONS

COMPOSITION	Hot-dipped galvanized carbon steel
URETHANE COMPOSITION	APP-UT80A
HARDNESS	80 Shore A
TEMPERATURE RANGE	-320°F to +400°F
INSTALLATION	Field install
REQUIRED ACCESSORIES	None
CUSTOM MANUFACTURING	Other sizes and special configurations available upon request. Metal can be galvanized, Xylan coated or Teflon coated. Urethane properties can be modified if necessary for temperature or hardness parameters.



ProTek U-Bolts

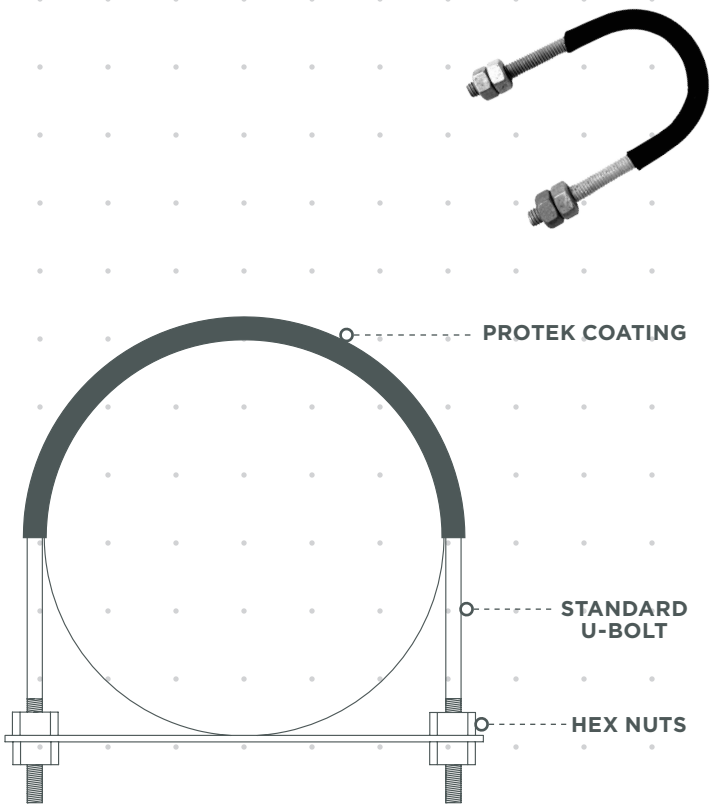
ProTek U-Bolts combine the strength and simplicity of a u-bolt with our advanced polymer technology. They successfully restrain the pipe while shielding it from metal-to-metal contact and rough abrasion from pipe movement. The ProTek coating is strong enough to withstand high compressive loads and harsh environmental conditions, but has a low coefficient of friction to seamlessly cradle the pipe.

BENEFITS

- » Eliminates metal to metal contact that could damage pipe coatings and lead to corrosion
- » Coating has a low coefficient of friction to allow pipe movement
- » Low cost of installation
- » Product helps minimize maintenance and operational costs throughout the lifetime of the piping system
- » Can be used on any type of pipe.

SPECIFICATIONS

COMPOSITION	APP-CLPM
TENSILE STRENGTH (ASTM D412)	1,500 lbs. per square inch
TEMPERATURE RANGE	-67°F to 230°F
INSTALLATION	Four heavy hex nuts
POTENTIAL ACCESSORIES	ProTek Package (ProTek Wear Pad and ProTek Flat Plate)
CUSTOM MANUFACTURING	Available in custom sizes and metal finishes including stainless steel.



T-Slides

T-SLIDE METALLIC PIPE SHOES



FIGURE 3000
A standard T-Slide Metallic Pipe Shoe and is welded onto the pipe.

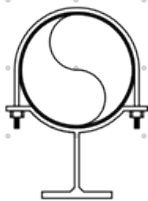


FIGURE 3010
Fabricated with two cradles and comes with two u-bolts to hold the pipe in place.



FIGURE 3020
Fabricated with two clamps to hold the pipe in place.

T-SLIDE METALLIC PIPE SHOES WITH GUSSETS

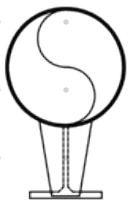


FIGURE 3100
Welded onto the pipe and has gusset plates to provide extra support.

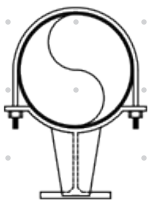


FIGURE 3110
Fabricated with two cradles and comes with two u-bolts to hold the pipe in place. Gusset plates provide extra support.



FIGURE 3120
Fabricated with two clamps to hold the pipe in place and has gusset plates to provide extra support.

DOUBLE T-SLIDE METALLIC PIPE SHOES

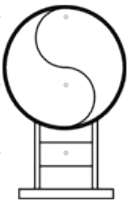


FIGURE 3200
Welded onto the pipe.

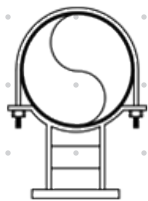


FIGURE 3210
Fabricated with two cradles and comes with two u-bolts to hold the pipe in place.



FIGURE 3220
Fabricated with two clamps to hold the pipe in place.

T-Slides with ProTek Composite Wear Pads

T-SLIDE METALLIC PIPE SHOES



FIGURE 3011
Fabricated with two cradles and comes with two u-bolts to hold the pipe in place. It is lined with our ProTek Composite Wear Pads to prevent metal-to-metal contact.



FIGURE 3021
Fabricated with two clamps to hold the pipe in place and is lined with our ProTek Composite Wear Pads to prevent metal-to-metal contact.

T-SLIDE METALLIC PIPE SHOES WITH GUSSETS

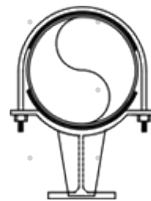


FIGURE 3111
Fabricated with two cradles, comes with two u-bolts to hold the pipe in place and gusset plates to provide extra support. It is also lined with our ProTek Composite Wear Pads to prevent metal-to-metal contact.



FIGURE 3121
Fabricated with two clamps to hold the pipe in place and has gusset plates to provide extra support. It is lined with our ProTek Composite Wear Pads to prevent metal-to-metal contact.

DOUBLE T-SLIDE METALLIC PIPE SHOES

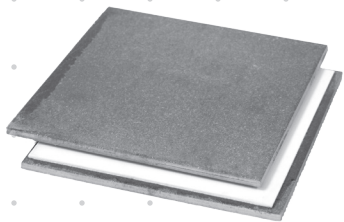


FIGURE 3211
Fabricated with two cradles and comes with two u-bolts to hold the pipe in place. It is lined with our ProTek Composite Wear Pads to prevent metal-to-metal contact.

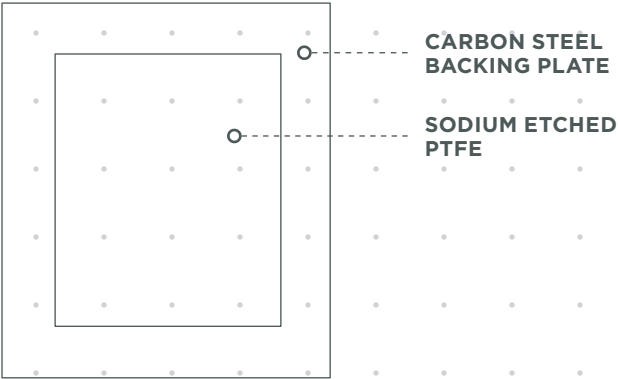


FIGURE 3221
Fabricated with two clamps to hold the pipe in place and is lined with our ProTek Composite Wear Pads to prevent metal-to-metal contact.

ProTek Slide Plates



ProTek Slide Plates are bearing surfaces engineered to reduce the friction and wear of various structural components at expansion and contraction joints. They can be used in multiple applications such as in the support of heavy piping, equipment, bridges, and other structural members. The ProTek Slide Plates can be constructed from various materials and in different sizes to best meet your needs.

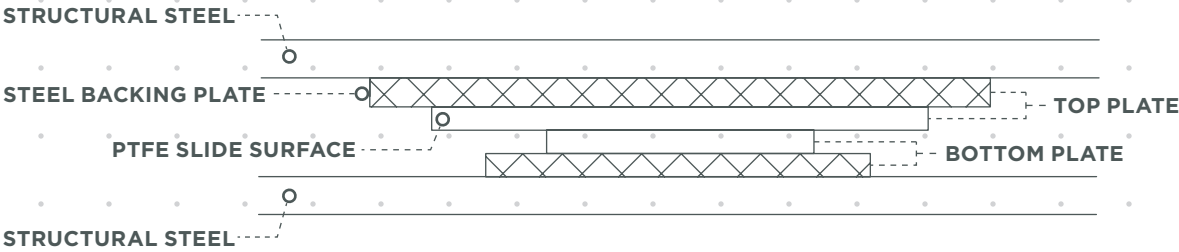


BENEFITS

- » Product prolongs the life of your structural components.
- » The metallic and PTFE combination delivers robust support, while providing a low friction surface for the object to move along
- » Sodium-etched PTFE is used for optimal adhesion, which prevents delamination
- » Custom manufacturing to best meet your needs

SPECIFICATIONS

COMPOSITION	Sodium-etched PTFE bonded to 10 gauge carbon steel. (FRP or stainless steel available upon request.)
INSTALLATION	ProTek Slide Plates are welded to steel components.
CUSTOM MANUFACTURING	Both backing plates and slide surfaces are available in different thicknesses and materials.



Pipe Hangers

STEEL PIPE CLAMPS & CLEVIS



FIGURE 260
Adjustable Clevis Hanger
Size Range: 1/2" - 30"



FIGURE 300
Adjustable Clevis Hanger for Insulated Lines
Size Range: 3/4" - 12"



FIGURE 261
Extension or Riser Clamp
Size Range: 3/4" - 24"



FIGURE 40
Riser Clamp Standard
Size Range: 2" - 24"



FIGURE 100
Extended Pipe Clamp
Size Range: 1/2" - 8"



FIGURE 212
Medium Pipe Clamp
Size Range: 1/2" - 30"



FIGURE 216
Heavy Pipe Clamp
Size Range: 3" - 42"



FIGURE 295
Double Bolt Pipe Clamp
Size Range: 2" - 24"

STRUCTURAL ATTACHMENTS & BEAM CLAMPS



FIGURE 55 & 55L
Structural Welding Lug
Sizes (55): 1/2" - 3-3/4"
Sizes (55L): 1/2" - 2"



FIGURE 66
Welding Beam Attachment
Size Range: 3/8" - 3-1/2"

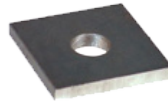


FIGURE 60
Steel Washer Plate
Size Range: 3/8" - 3-3/4"



FIGURE 133
Std. Duty Beam Clamp
Size Range: 4" - 12"

HANGER RODS & ATTACHMENTS



FIGURE 146
Continuous Thread Rod
Size Range: 1/4" - 1-1/2"



FIGURE 290
Weldless Eye Nut
Size Range: 3/8" - 2-1/2"

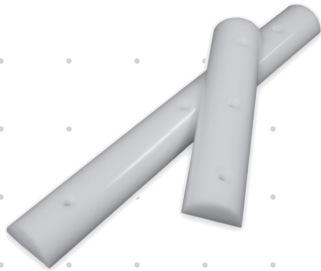


FIGURE 299
Forged Steel Clevis
Size Range: 3/8" - 3-3/4"

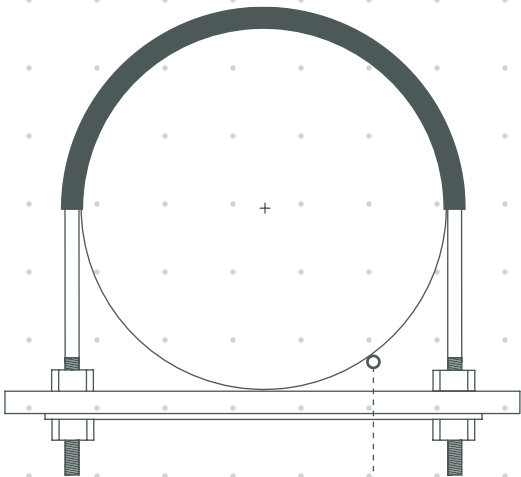


FIGURE 230
Turnbuckle
Size Range: 3/8" - 2-1/2"

ProTek Rod



ProTek Rods serve as a barrier between a metallic pipe and the metallic support. The ProTek Rod is made out of a durable thermoplastic material. It effectively prevents pipe corrosion by inhibiting a corrosion cell from forming, thus prolonging the life of your piping system.



PROTEK ROD
HALF ROUND

HALF ROUND



FULL ROUND



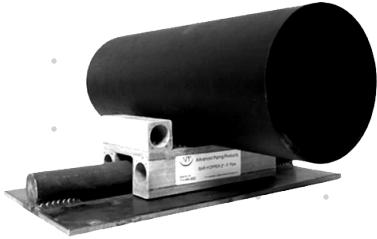
BENEFITS

- » Prevents galvanic corrosion
- » High strength
- » High temperature resistance
- » Low coefficient of friction, which protects the pipe coating by limiting abrasion
- » Low moisture absorption
- » Good creep resistance

SPECIFICATIONS

COMPOSITION	Thermoplastic (acetal homopolymer)
TENSILE STRENGTH (ASTM D368)	9,500 psi
ELONGATION (ASTM D368)	30%
FLEXURAL STRENGTH (ASTM D790)	12,000 psi
SHEAR STRENGTH (ASTM D732)	8,000 psi
COMPRESSIVE STRENGTH (ASTM D695)	15,000 psi
IZOD IMPACT STRENGTH (ASTM D256)	1.0 ft-lbs/inch
TEMPERATURE LIMIT	Continuous service up to 180°F
POTENTIAL ACCESSORIES	ProTek Coated U-Bolt
INSTALLATION	ProTek Rod is anchored to a structural support with either the ProTek U-Bolt or a standard bolt.
CUSTOM MANUFACTURING	Available in various lengths.

Bar Hopper



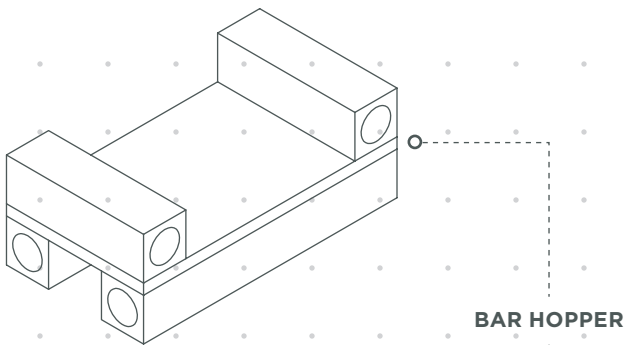
When round bar has been welded to an I-beam, Bar Hoppers allow APP ProTek Wear Pads to be used without removing the round bar. Our composite material bar hoppers are installed over the round bar so that the pipe rests on the top plate of the bar hopper. This design eliminates round bar point loading.

BENEFITS

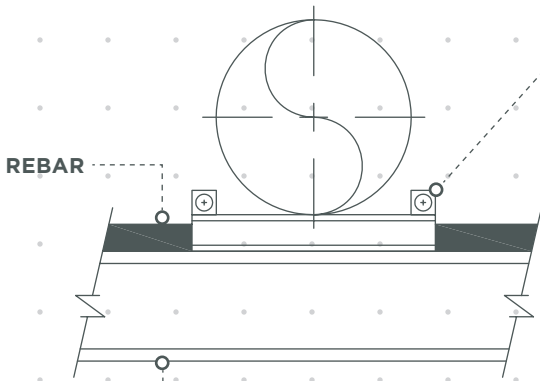
- » Eliminates point loading caused by round bar welded to I-beam
- » Prevents corrosion by removing metal-to-metal contact
- » Reduces maintenance issues caused by round bar point loading and corrosion

SPECIFICATIONS

COMPOSITION	APP-VEFR
MAX COMPRESSIVE STRENGTH	53,000 lbs. (ASTM E8)
TEMPERATURE RANGE	-60°F to 400°F
INSTALLATION	Field install
REQUIRED ACCESSORIES	None
CUSTOM MANUFACTURING	Will fabricate to your specific dimensions.



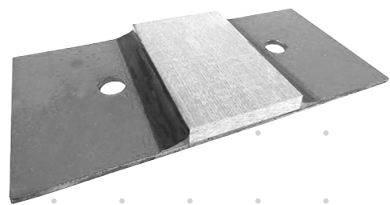
BAR HOPPER



REBAR

EXISTING STEEL

ProTek Flat Plate



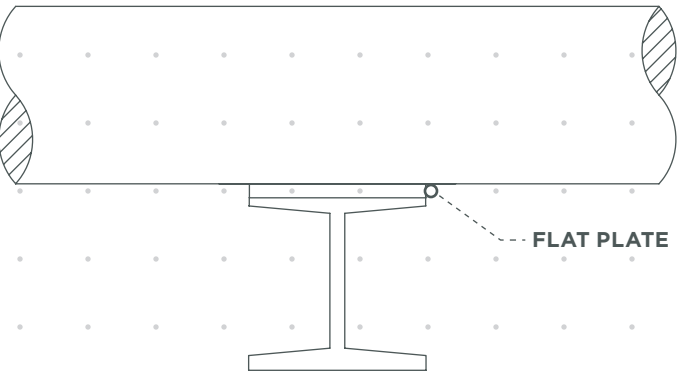
ProTek Flat Plate is made from the same corrosion resistant composite material as our ProTek Wear Pads. The flat plate is best suited for use on flat surfaces and it can be used in multiple applications, such as a non-metallic bearing surface for corrosion prone areas. If a low coefficient of friction is needed, it can be mated to a PTFE sheet and act as a slide plate. In addition to being corrosion resistant, the flat plate only takes minutes to be installed.

BENEFITS

- » Protects structure or surface from wear caused by pipe movement or other forces
- » Low cost of installation: no welding, hot work permits or highly skilled personnel required
- » Product helps minimizes maintenance and operational costs throughout the lifetime of the piping system
- » Can be adhered on any flat surface or structure
- » Product can also be used as a shim to correct for height inconsistencies

SPECIFICATIONS

COMPOSITION	APP-VEFR
MAX COMPRESSIVE STRENGTH	53,000 lbs. (ASTM E8)
TEMPERATURE RANGE	-320°F to +400°F
INSTALLATION	Epoxy (EX-100)
REQUIRED ACCESSORIES	Epoxy, static mixing nozzle, manual dual component applicator
CUSTOM MANUFACTURING	Available in custom sizes (maximum of 3 ft wide by 10 ft long) and thicknesses (1/8", 1/4" & 3/8"). Setup fee may apply.



Epoxy System

EPOXY ADHESIVE (EX-100)

The Epoxy Adhesive is a flexible, two-part, epoxy with high overlap shear strength. It was developed for aerospace applications and is specifically formulated to bond light-weight composites to metallic materials. It does not become crystalline, is resistant to chemicals, shocks and extreme temperatures. It is certified for industrial, aircraft and aerospace applications and meets ASTM E8 specification.



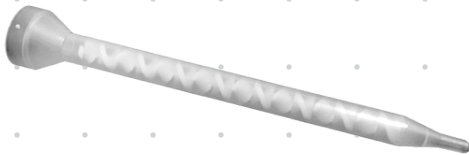
DUAL COMPONENT APPLICATOR (EX-500)

The Dual Component Applicator is a robust, metallic applicator that allows for epoxy to be dispensed easily and reliably at a constant ratio. The applicator removes issues with human error and cleanliness and will allow for a consistent installation every time. It can be reused over and over again and will fit most two-part 6oz adhesive cartridges. We recommend purchasing enough for each person doing installations to have a dedicated applicator.



STATIC MIXER (EX-200)

The Static Mixers are high quality devices used to ensure optimum performance of two-component adhesives by dividing and recombining the materials into a homogeneous stream. Our disposable spiral static mixer is used in conjunction with our epoxy adhesive to ensure that the two parts are mixed thoroughly enough for the base and accelerator to fully react to ensure maximum adhesion.



EPOXY SPECIFICATIONS

COMPOSITION	Two-part epoxy
MANUFACTURING SPECS	COX M75
MISCELLANEOUS	Ultimate strength: 2,730 psi Bonding cure time: 24 hrs Size: 6 oz. cartridge

STATIC MIXER SPECIFICATIONS

COMPOSITION	Robust, light-weight plastic
MANUFACTURING SPECS	Nordson 77008831
MISCELLANEOUS	Pressure limit: 360 psi Mix ratio: 1-to-1

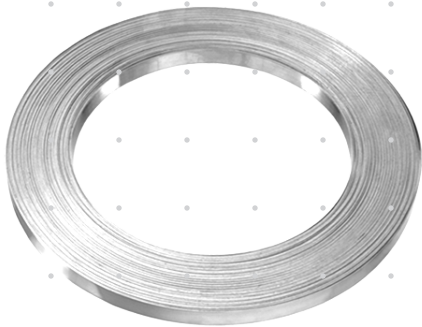
APPLICATOR SPECIFICATIONS

COMPOSITION	Metal assembly
MANUFACTURING SPECS	COX M75
MISCELLANEOUS	Mech. advantage: 18-to-1 Capacity: 75 ml x 75 ml

Banding System

BANDING (BI-C206)

Stainless steel banding is used to secure our ProTek, CryoTek, and AeroTek product lines. We have chosen stainless steel for its corrosion resistance and longevity. The banding is made of type 201 stainless steel and comes in 100 foot rolls. It has been an industry standard for over 60 years with its superior yield and tensile strength properties.



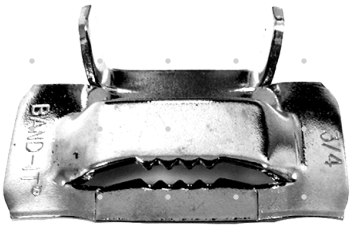
BANDING TOOL (BI-C001)

The Banding Tool (BI-C001) is used to install our ProTek, CryoTek, and AeroTek product lines. It is a compact, portable and easy to use tool with tensioning capabilities of over 2,400 lbs. It has a spring loaded gripper, built in cutting lever, and an epoxy coating for durability.



BANDING CLIPS (BI-256)

Stainless steel banding clips are used to secure our ProTek, CryoTek, and AeroTek product lines. The banding clips are made of type 201 stainless steel and are designed to accommodate both single and double wrap bands. Their unique teeth and ears provide for maximum clamping strength.



BANDING SPECIFICATIONS

COMPOSITION	Type 201 Stainless Steel
MANUFACTURING SPECS	Band-It C204
MISCELLANEOUS	Pkg. quantity: 100-ft roll Strength: >1500 lbs of force

BANDING CLIPS SPECIFICATIONS

COMPOSITION	Type 201 Stainless Steel
MANUFACTURING SPECS	Band-It C256
MISCELLANEOUS	Package quantity: 100 clips Custom widths: 1/2" or 5/8"

BANDING TOOL SPECIFICATIONS

COMPOSITION	Metal assembly
MANUFACTURING SPECS	Band-It C001
MISCELLANEOUS	Tension capability: 2400 lbs Coating: Blue epoxy

PROTEK WEARPADS	PART NO.
1/2" x 1/4" x 90° x 12"	WP-0050002509012
1/2" x 1/4" x 90° x 14"	WP-0050002509014
3/4" x 1/4" x 90° x 12"	WP-0075002509012
3/4" x 1/4" x 90° x 14"	WP-0075002509014
1" x 1/4" x 90° x 12"	WP-0100002509012
1" x 1/4" x 90° x 14"	WP-0100002509014
1-1/2" x 1/4" x 90° x 12"	WP-0150002509012
1-1/2" x 1/4" x 90° x 14"	WP-0150002509014
2" x 1/4" x 90° x 12"	WP-0200002509012
2" x 1/4" x 90° x 14"	WP-0200002509014
2-1/2" x 1/4" x 90° x 12"	WP-0250002509012
2-1/2" x 1/4" x 90° x 14"	WP-0250002509014
3" x 1/4" x 90° x 12"	WP-0300002509012
3" x 1/4" x 90° x 14"	WP-0300002509014
4" x 1/4" x 90° x 12"	WP-0400002509012
4" x 1/4" x 90° x 14"	WP-0400002509014
6" x 1/4" x 60° x 12"	WP-0600002506012
6" x 1/4" x 60° x 14"	WP-0600002506014
8" x 1/4" x 60° x 12"	WP-0800002506012
8" x 1/4" x 60° x 14"	WP-0800002506014
10" x 1/4" x 60° x 12"	WP-1000002506012
10" x 1/4" x 60° x 14"	WP-1000002506014
12" x 1/4" x 30° x 12"	WP-1200002503012
12" x 1/4" x 30° x 14"	WP-1200002503014
14" x 1/4" x 30° x 12"	WP-1400002503012
14" x 1/4" x 30° x 14"	WP-1400002503014
16" x 1/4" x 30° x 12"	WP-1600002503012
16" x 1/4" x 30° x 14"	WP-1600002503014
18" x 1/4" x 30° x 12"	WP-1800002503012
18" x 1/4" x 30° x 14"	WP-1800002503014
20" x 1/4" x 30° x 12"	WP-2000002503012
20" x 1/4" x 30° x 14"	WP-2000002503014
22" x 1/4" x 30° x 12"	WP-2200002503012
22" x 1/4" x 30° x 14"	WP-2200002503014
24" x 3/8" x 30° x 12"	WP-2400003803012
24" x 3/8" x 30° x 14"	WP-2400003803014
30" x 3/8" x 30° x 12"	WP-3000003803012
30" x 3/8" x 30° x 14"	WP-3000003803014
36" x 3/8" x 30° x 12"	WP-3600003803012
36" x 3/8" x 30° x 14"	WP-3600003803014

PROTEK PIPE SHOES	PART NO.
1/2" x 4" x 12"	PS-00504000012
3/4" x 4" x 12"	PS-00754000012
1" x 4" x 12"	PS-01004000012
1-1/2" x 4" x 12"	PS-01504000012
2" x 4" x 12"	PS-02004000012
3" x 4" x 12"	PS-03004000012
4" x 4" x 14"	PS-04004000014
4" x 6" x 18"	PS-04006000018
6" x 4" x 14"	PS-06004000014
6" x 6" x 18"	PS-06006000018
8" x 4" x 14"	PS-08004000014
8" x 6" x 18"	PS-08006000018
10" x 4" x 14"	PS-10000400014
12" x 4" x 14"	PS-12000400014
12" x 6" x 18"	PS-12006000018

PROTEK FLAT PLATE	PART NO.
1/2" x 5" x 1/8" - for 1/2" & 3/4" pipe	FP-00550125
3/4" x 5" x 1/8" - for 1" pipe	FP-007550125
1" x 5" x 1/8" - for 1-1/2" & 2" pipe	FP-0150125
1-1/2" x 5" x 1/8" - for 2-1/2" pipe	FP-01550125
2" x 5" x 1/8" - for 3" pipe	FP-0250125
3" x 5" x 1/8" - for 4" pipe	FP-0350125
5" x 5" x 1/8" - for 6" pipe	FP-0550125
7" x 5" x 1/8" - for 8" pipe	FP-0750125
9" x 5" x 1/8" - for 10" pipe	FP-0950125
11" x 5" x 1/8" - for 12" pipe	FP-1150125
13" x 5" x 1/8" - for 14" pipe	FP-1350125
15" x 5" x 1/8" - for 16" pipe	FP-1550125
17" x 5" x 1/8" - for 18" pipe	FP-1750125
19" x 5" x 1/8" - for 20" pipe	FP-1950125
21" x 5" x 1/8" - for 22" pipe	FP-2150125
23" x 5" x 1/8" - for 24" pipe	FP-2350125

PROTEK COATED U-BOLT	PART NO.
1/2" pipe	PB-005
3/4" pipe	PB-0075
1" pipe	PB-01
1-1/4" pipe	PB-0125
1-1/2" pipe	PB-015
2" pipe	PB-02
2-1/2" pipe	PB-025
3" pipe	PB-03
4" pipe	PB-04
5" pipe	PB-05
6" pipe	PB-06
8" pipe	PB-08
10" pipe	PB-10
12" pipe	PB-12
14" pipe	PB-14
16" pipe	PB-16
18" pipe	PB-18
20" pipe	PB-20
24" pipe	PB-24
30" pipe	PB-30

ACCESSORIES	PART NO.
Standard Epoxy - 2 part, 6 oz.	EX-100
Static Mixer	EX-200
Manual Dual Component Applicator	EX-500
CRC Industrial QB Contact Cleaner, 11 oz.	CRC-100
1" Wide x 110" Long Ratchet Strap	ASB-110
1" Wide x 36" Long Ratchet Strap	ASB-36
1" Wide x 48" Long Ratchet Strap	ASB-48
1" Wide x 60" Long Ratchet Strap	ASB-60
1" Wide x 72" Long Ratchet Strap	ASB-72
1" Wide x 88" Long Ratchet Strap	ASB-88
BAND-IT Tool	BI-C001
3/4" Stainless Steel Banding, 100 ft. roll	BI-C206
3/4" Banding Clips (100 clips / box)	BI-C256
Silicone Sealant	BI-SL-100

Contact us at 713.956.2922 or learn more at appinc.co.



5611 Guhn Road, Suite A1
Houston, Texas 77040
713.956.2922
appinc.co