

Product Selection Guide for the Water and Wastewater Industries

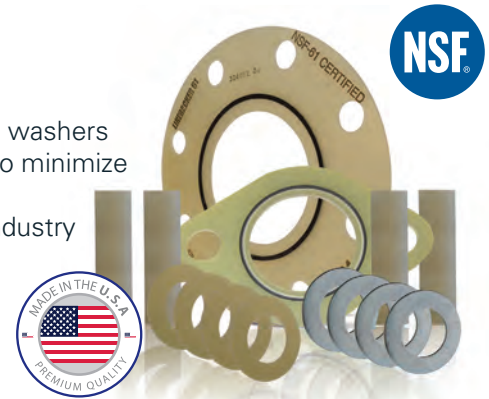


Sealing, Connecting and Protecting the World's Pipelines

Isolation Products

FLANGE ISOLATION KITS

Flange Isolation Kits consist of an isolating gasket and isolating sleeves and washers which are all correctly sized for the application and conveniently packaged to minimize the possibility of lost component parts during installation. GPT offers the LineBacker® 61 and GYLON® Style 3505 gaskets along with the toughest industry proven sleeves and washers in sizes from 1" to 144" diameter.



ELECTRO-STOP®

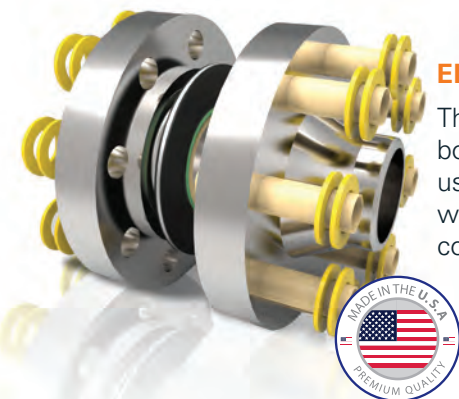
The ElectroStop® is a monolithic isolation joint (no nuts, bolts or washers) that is designed to be welded directly into your piping system.

The Electro-Stop is 100% factory tested and warranted for performance meeting customers specifications for size, pressure, corrosion coatings etc. Available with NSF-61 Certified interior coatings.

SLEEVE & WASHER SETS

GPT offers the highest quality and most diverse offering of sleeve and washer sets for assuring high performance flange isolation. In addition to the standard Mylar & G-10 sleeves and washers. GPT offers G-10 One-Piece Sleeve Washer combination for strength and ease of field installation.

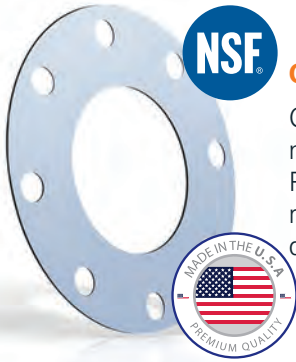
HCS Washer sets to eliminate the potential to damage isolation washers and assure installation of washers in proper location to eliminate electrical shorts.



ELECTRO-FLANGE™

The Electro-Flange™ is a pre-fabricated flange isolation kit including the flanges, bolts and pipe pups. It is factory assembled by GPT under controlled conditions using trained craftsmen. The Electro-Flange are 100% factory tested and warranted for performance meeting customers specifications for size, pressure, corrosion coatings etc. Available with a NSF-61 Certified interior coating.

Flange Sealing Gaskets



GYLON® STYLE 3505

GYLON® Style 3505 is a NSF 61 approved PTFE gasket with aluminosilicate microspheres. It offers a tighter seal, and Improved performance over conventional PTFE. You will find Style 3505 reduced product loss and emissions and has reduced creep relaxation. GYLON® Style 3505 can be used as a stand alone gasket or part of a high quality GPT flange isolation kit as it has good dielectric isolation properties.

STRESS SAVER® XP GASKET

The Stress Saver® XP offers a tighter seal with lower seating stress than expanded or specialty PTFE gaskets, making them ideal for nonmetallic flanges. The high-performance fluoroelastomer has greater resistance to severe chemicals than standard fluoroelastomers and outperforms most flat gaskets. The Stress Saver won't fail due to a filler attack and is certified to NSF 61 for drinking water.



AQUA-SWELL™ GASKET

Aqua-Swell™ creates compressive load in light weight flanges in water service — seals where standard gaskets won't. It performs well in flanges that might crush an elastomer gasket, providing use in a wide array of applications. More compressible than standard fiber gaskets and seals with low load. Easy to handle — extremely flexible, minimizes waste. Gasket swells upon contact with water and wastewater enhancing the sealability. Won't weep or leak, saving valuable resources. Seals flanges in "less than perfect" conditions minimizing maintenance.

TCG GASKET

TCG gaskets are designed for ease of installation and higher pressure applications. The gasket consists of a thick rubber exterior molded over a steel core for rigidity. Will not fold or bend over during the insertion process and eliminates the need for bolt hole alignment. Suitable for both water & wastewater applications.



ECONO-SEAL GASKETS

The Econo-Seal gasket is an EPDM rubber gasketing product that is certified to NSF/ANSI 61 standards. Econo-Seal is incompressible and can be deformed, depending on durometer and cross section but will never be reduced in volume. Econo-Seal is designed to replace "Red Rubber" or other old style rubber gaskets. It is highly impermeable and can serve as a tight barrier against the passage of water and wastewater products.

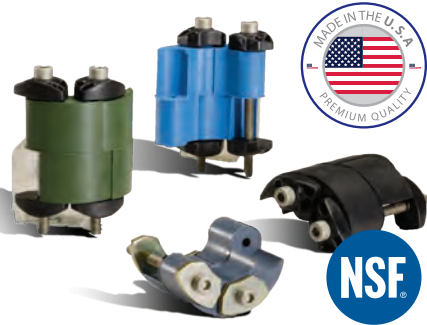
Wall Penetration Seals

GPT Wall Penetration Systems are designed to deliver and secure, long-lasting, pressure-tight seal for water, gas and sewer pipes of any size passing through walls, ceilings and floors.

Pipe Penetration Products

LINK-SEAL®

Link-Seal® modular seals are considered to be the premier method for permanently sealing pipes of any size passing through walls, floors and ceilings. In fact, any cylindrical object may be quickly, easily and permanently sealed, as they pass through barriers, by the patented Link-Seal® modular seal design. Available in multiple materials to fit your application, including NSF-61 Certified Material.

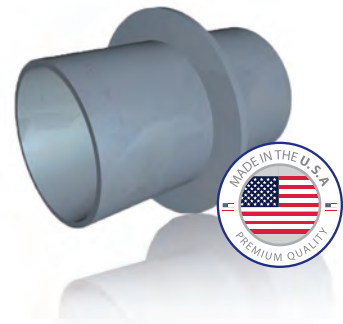


CENTURY-LINE® PIPE PENETRATION SLEEVES

Century-Line® Pipe Penetration Sleeves are used to create circular non-corrosive sleeved holes in concrete poured barriers including; walls, floors, ceilings, structural supports and tank footings. Molded from non-conductive, high impact resistant HDPE, Century-Line® sleeves are lightweight and easily installed by one construction worker. In the event of a field or engineering change, sleeves may be cut shorter at the job site using ordinary hand tools. Century-Line® sleeves are easy to stock and far less expensive to ship, when compared to steel sleeves.

WS WALL SLEEVES

WS Steel Sleeves are made from heavy-wall welded or seamless pipe. A full circle water-stop plate acts as positive water seal and anchor to prevent thrust movement. GPT provides WS steel sleeves for all pipes passing through concrete or masonry structures. The WS Sleeves shall be provided free of welding slag. WS Steel Sleeve sizes though 10" shall be Schedule 40 Steel Pipe or standard wall thickness. WS Steel Sleeve sizes 12" and larger shall have a .375" or standard wall thickness.



CELL-CAST® HOLE FORMING DISK PRODUCTS

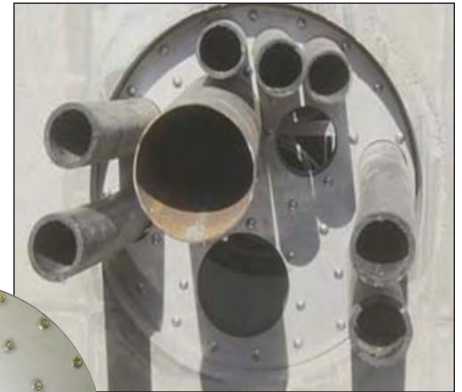
Cell-Cast® Interlocking Hole Forming Disks are designed to produce large diameter holes in poured concrete structures. Molded from non-conductive plastic, Cell-Cast® disks are lightweight and may be installed by one construction worker. They are available in a wide range of diameters using 3" and 4" thick modular disks. Consistently produces dimensionally accurate openings. Eliminates galvanic corrosion. Avoids potential leak path between sleeve and concrete. GPT Cell-Cast® interlocking hole forming disks are an economic solution as they reduce material costs by 30 to 50%, cut labor costs by 50 - 70% and minimize freight and handling charges.

Wall & Casing Penetration Seals

COMPAKT SEALS

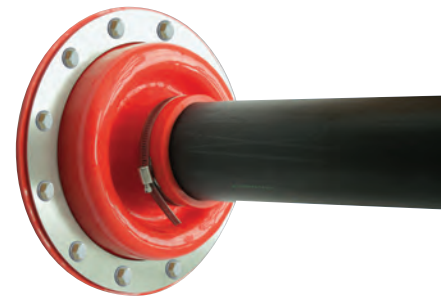
The GPT Kompakt sealing system is the perfect complement to our Link-Seal® modular sealing. Kompakt seals are rated up to 20 psi. Seals are standardly made with EPDM seals and 304 SS pressure plates. It is used to seal pipes or cables in concrete wall openings and/ or steel pipe penetrations.

The GPT Custom Kompakt sealing system is specially engineered to fit individual issues on construction sites such as oval pipes, square recesses, multiple penetrations and/or eccentric positions. It is available up to 120" diameter as a closed version for new construction or as split versions for sealing of existing pipes and cables. Viton and 316 SS pressure plates available for additional chemical resistance.



TYPE VDW WALL SEALS

The VDW seal is a compensating wall penetration seal developed for pipes that may have radial and/or axial movements. The compensating wall penetrating seal is suitable for floor, wall and ceiling penetrations for plastic and metallic pipes against water pressure to 7 psi.



STM MULTIPLE CASING END SEAL

The STM multiple casing end seal are manufactured according to the customers special requirements. They are available for nearly all pipe sizes.

The seal can be used for extreme eccentricities and/or for when several openings are required. For extreme mechanical loads, please ask about the Model STMV.

Casing Spacers/End Seals

METALLIC CASING SPACERS

GPT Metallic Casing Spacers / Isolators for use on all types of pipe from 4" diameter to 120" and insertion lengths to several thousand feet long. GPT provides coated casing spacers, stainless steel casing spacers and custom design multiple fabricated to meet stringent demands.

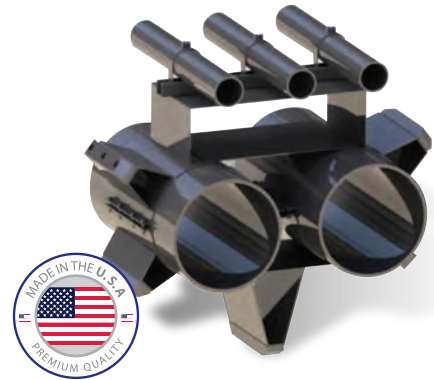


NON-METALLIC CASING SPACERS

GPT Non-Metallic Casing Spacers/Isolators Designed for Water and Filled Casings and gravity sewer applications. GPT provides a selection of non-metallic casing spacers with qualities of positive insulation, high abrasion resistance, low coefficient of friction and withstand extreme temperatures. The Ranger II is designed to be easy to stock and install.

MULTIPLE AND CUSTOM SPECIALS

GPT custom designs and manufactures casing spacers for inserting multiple carrier pipes inside a cased crossing. For installing large diameter carrier pipes into a tunnel liner, GPT is the experienced resource for all your applications.



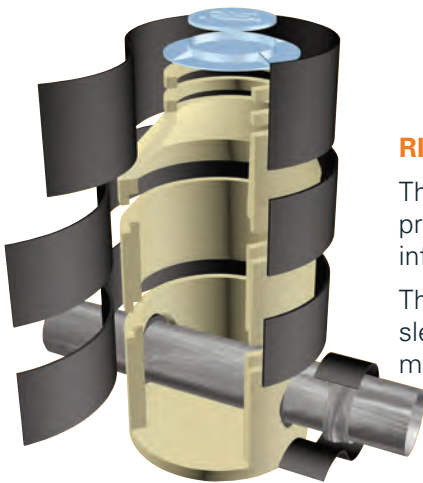
END SEALS

GPT offers the widest range of casing end seals on the market. Material choices include EPDM, Buna-N, and Neoprene. We offer designs for both existing or new installations. The Model R is specifically designed to be stocked as it fits multiple size casings and is field cut to the correct carrier pipe O.D.

Manhole Infiltration Sealing & Corrosion Protection Tapes and Wraps

BOA-TAPE™ SEALING TAPE

Boa-Tape™ is a pressure sensitive taping system designed to seal joints against ground water infiltration, encapsulate manholes or vaults and protect pipelines. The 50 mil. elasticomeric mastic in combination with 15 mils. of a woven polypropylene makes this tape extra-extra sticky.



RISER-WRAP™

The Riser-Wrap™ seal is a two-layer system designed for corrosion and sealing protection on pipelines and encapsulating manholes to seal joints against ground water infiltration.

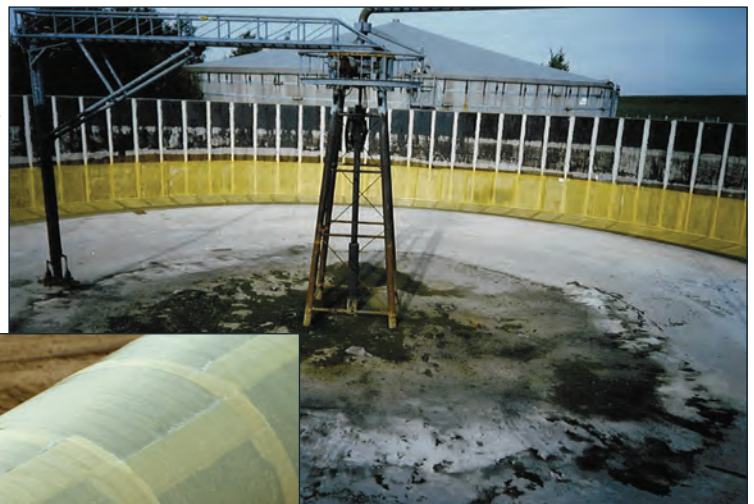
The first layer is a visco-elastic adhesive liquid sealant covered by a heat shrink sleeve. The sleeve is a thick-walled (2.5mm), cross-linked, high density polyethylene membrane.

FIBERTEC

Fibertec is a resistant, glass fiber reinforced plastic that cures by UV light. It offers the optimum mechanical protection for pipe coatings, is waterproof, can handle temperatures up to 212° F constantly and 392° F temporarily and is high chemical resistant.

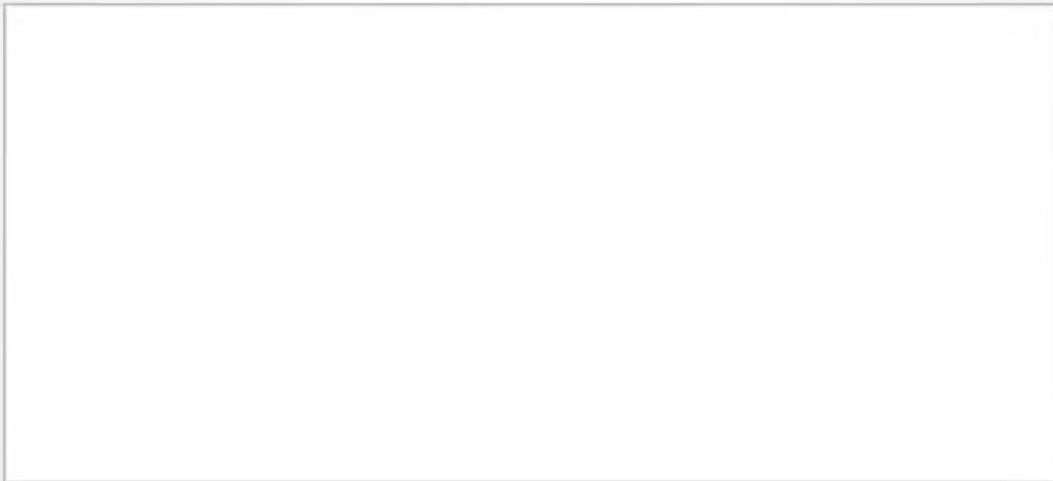
Fibertec adheres to almost any type of surface, such as PE, PVC, ductile iron, steel, GRP materials and concrete. It comes in a roll, ready to be wrapped around the pipe.

APPLICATIONS: Fibertec is suitable for a wide variety of applications, e.g. as a horizontal drilling kit as protection for pipe coatings, at sub-surface-to surface joints, for lining manholes and basins, as a "casing spacer" for tight annular space, etc.





At GPT, our strengths lie equally in safety, the release of our full human potential and customer focus. We generate added value for our customers through a selective combination of our own internally developed products supplemented by customer initiated ideas. This means that our customers benefit, not only from meticulously engineered products, but beyond this also from the strengths of a common network.



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