

Reinforced Concrete Pipe

Underground pipe for sanitary sewers, storm drains, transportation infrastructure, and other applications.



Jensen Infrastructure engineers, designs, and manufactures reinforced concrete pipe to meet the increasing demands of today's builders. We invest in state of the art equipment to deliver consistently high quality products when and where you need them.



Reinforced Concrete Pipe

Paramount to the success of our communities are the type of structures we place underground. For engineers, contractors, and other deciding bodies, the need for high quality products is a big pull, yet so is the desire to keep costs low.

When it comes to underground pipe for sanitary sewers, storm drains, transportation infrastructure, and other applications, there is no substitute for reinforced concrete pipe. It solves for both expense and quality. It is durable and strong. It lasts from 70 to 100 years by relying on its own strength, not backfill. Most important, it offers corrosion protection and watertight features.

Here are a few things to consider when your project calls for pipe.



- ✓ **What kind of pipe works best for your budget?** Can you justify upfront costs versus longterm outcomes? Research your options and conduct a thorough cost benefit analysis before committing.
- ✓ **Do you need to guarantee product longevity?** How much maintenance will the pipe you select need? Go with a product proven to last from 70 to 100 years with less time, care, and effort on soil prep.
- ✓ **How simple do you want your pipe installation?** How much time do you have to complete the job? Expedite your project with easy to assemble pipe joints precast and ready to install.
- ✓ Jensen manufactures reinforced concrete pipe with state of the art pipe machinery, assuring world class quality, consistency, high output, and a range of size options. We are committed to the success of your project from first call to job completion.



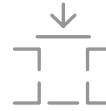
Design

- Select structurally superior, hydraulically efficient, and environmentally sensitive pipe for your projects.
- Specify products that meet and exceed ASTM C76 and AASHTO M170 standards and undergo regular D-load testing in accordance with ASTM C497 and AASHTO M242.
- Request special designs for your RCP project.



Manufacture

- Stay within your project budget without sacrificing product quality, onsite expertise, and accommodating delivery choices.
- Gain an accurate and complete takeoff from our experienced estimators to win your bid.



Set in Place

- Assure complete, timely, and hassle free product attainment due to our large inventory.
- Leverage our installation friendly features to expedite your project with options such as Easy-Lift Reinforced Pipe (locations may vary).
- Get engineering support during installation of your project.



Applications



- ✓ Storm drains
- ✓ Storm sewers
- ✓ Sanitary sewers
- ✓ Culvert connections
- ✓ Irrigation systems
- ✓ Outfalls
- ✓ Stormwater detention and retention
- ✓ Wet weather flow management
- ✓ Utility tunnels
- ✓ Transportation infrastructure

Solutions

- ✓ **Strength & Durability**
 - Concrete pipe is the strongest pipe available and can be designed and tested to withstand any load.
 - The Army Corp of Engineers recommends a design life of 70 to 100 years, and there are countless examples of reinforced concrete pipe installations that surpass those numbers.
- ✓ **Joints**
 - Concrete pipe joints are designed for soil tightness and water tightness with the ability to accommodate lateral or longitudinal movement by using several joint options including mortar, flexible joint sealants, rubber gaskets, and external sealing bands.
 - Jensen offers various joint types, including mortar joint and gasket.
- ✓ **Structure & Conduit**
 - Concrete pipe is rigid and inherently provides structure and conduit, making it over 85% dependent on the pipe strength and only 15% dependent on the soil envelope.
 - The structural strength of the pipe allows higher fill height and trench depths.
 - Flexible pipe is at least 95% dependent on soil support and the installation of the contractor. Backfill must be properly engineered and installed to provide structure. Reinforced concrete pipe eliminates those challenges.
 - Concrete pipe maintains its shape and does not deflect during installation.

Circular Reinforced Concrete Pipe

Jensen’s durable, dependable, and economical pipe comes in Class III, IV, and V to meet project specifications. Make turns and connections with tees and wyes, and terminate pipe with plugs, flared ends, and headwalls. Available with tongue and groove and single offset gasket.

Sizes

12"	15"	18"	24"	30"	36"	42"	48"	54"	60"
66"	72"	78"	84"	90"	96"	108"	120"	132"	144"

Class	III	IV	V
Loading (lb/ft/ft)	1350	2000	3000



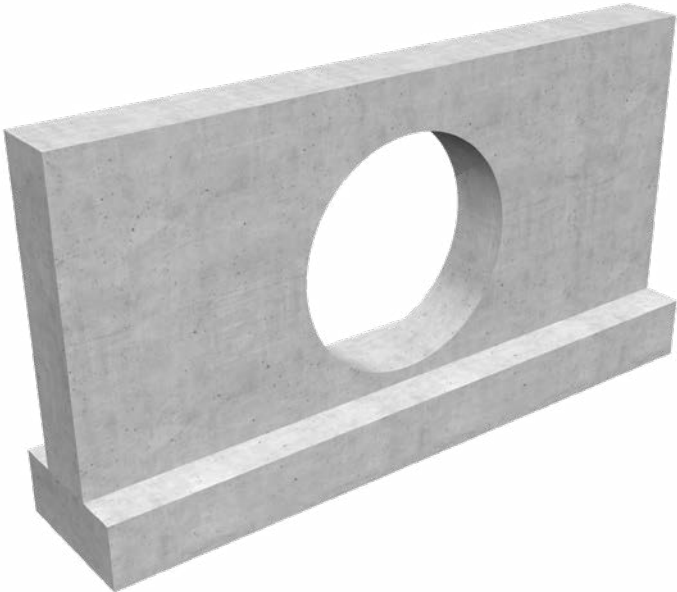
Elliptical Pipe

For applications with depth of bury restrictions, elliptical pipe can provide higher flow capacity at shallower depths.

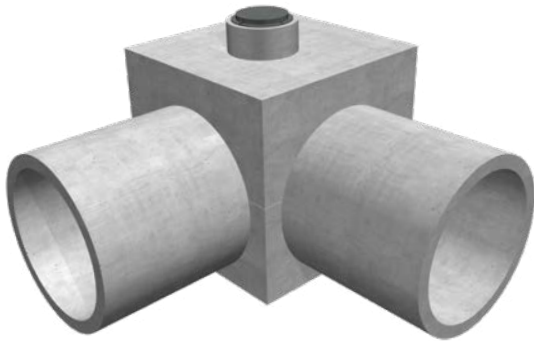
Round Equivalent	18"	24"	30"	36"	42"	48"	54"	60"
Elliptical (rise x span)	14"x19"	19"x30"	24"x38"	29"x45"	34"x53"	38"x60"	43"x68"	48"x76"

Headwalls & Wingwalls

Finish and secure the end of your pipe for a sound, functional, and permanent installation. Our products are designed to meet standards for many major agencies, including the Arizona Department of Transportation, Caltrans, Nevada Department of Transportation, Washington Department of Transportation, Oregon Department of Transportation, and Maricopa Association of Governments.



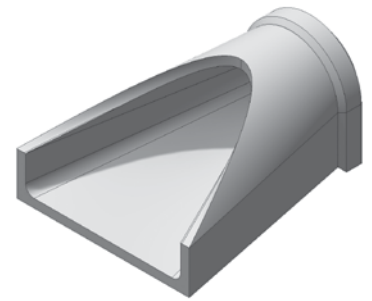
Related Products



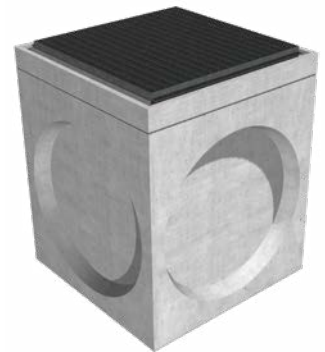
Drop Inlets



Manholes



Flared Ends



Junction Boxes

Easy-Lift Feature

Standard reinforced concrete pipe is typically installed using two machines plus four or more ground crew. Easy-Lift Reinforced Pipe, a patented product available only from Jensen, enables a two person ground crew with one lifting machine and operator to easily install your pipe faster than ever before.

Solve for Efficiency

- Eliminate forklift equipment, operator, and handling operations required to raise reinforced concrete pipe for crew members to manually place belly bands and eliminate the in-trench step of removing belly bands.
- No more ground crew members at risk painstakingly measuring belly band placement and carefully installing bands to balance the lifting point on every stick of pipe while the trench crew waits.
- Easy-Lift balanced pivot point means much less effort required in the trench to align each pipe stick against the force of front-and-back lifting points.

Easy-Lift Reinforced Concrete Pipe is available in specific Jensen locations for sizes ranging from 12" to 24" diameter.



Take the next step.

Talk to a Jensen reinforced concrete pipe expert to find the best solution for your project.

Contact Us

Connect with our team to discuss your project needs and get expert guidance.

Request a Lunch & Learn

Schedule an educational session for your team on RCP design, manufacturing, and installation.

Contact Information



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Web: jenseninfrastructure.com

About Jensen Infrastructure

Jensen Infrastructure is a second-generation, family-run business that's been helping build America's infrastructure since 1968. We bring deep engineering expertise, multi-material capabilities, and personal support to every project – so you get the right solution delivered by a team that stands behind it.

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