# CERTA-LOK®: HALF CENTURY – OVER 60 MILLION FEET OF PIPE

## Certa-Lok® / Certa-Lok® Yelomine® / Certa-Flo® / Certa-Set®

### The First Corrosion Free Restrained Joint Restrained Joint (RJ) and Restrained Joint Integral Bell (RJIB)

For almost 50 years, our revolutionary restrained joint solutions have been changing the way potable and waste water are transported. The Certa-Lok family of products has been recognized and selected by infrastructure professionals as best in class for their performance, unique features, time and money saving, safety, compatibility with all types of soils, environmental attributes, and longevity that ductile iron restrained joints can't match.

Certa-Lok is a market leader, being the first and most advanced corrosion free joint restraining system designed for use in potable water, wastewater, sewer, reclaimed water, fire protection, agriculture, well-casing, mining, electrical conduit and other piping system applications. After years of innovation it is still the most efficient and effective RJ and RJIB product with high tensile strength and assembly time measured in seconds to mere minutes. Certa-Lok is virtually recyclable, made in the United States by Westlake Pipe & Fittings, from a high quality proprietary un-plasticized PVC compound blend made with the highest and most advanced safe manufacturing practices.

**1960:**

- The story began in the 1960's when Yelomine was developed as the first PVC pipe with high impact resistance and ultraviolet protection.
- The first PVC Pipe plant in the United States is built in McPherson, KS.

**1970:**

- Certa-Lok Yelomine is introduced to the mining industry as the first non-metallic, corrosion-free restrained joint product.
- Certa-Lok Yelomine is introduced in rural water applications.
- Certa-Lok Yelomine continues to expand its use above ground as a temporary, or underground as a permanent, piping solution.

### Timeline

**1960**
- Yelomine is developed.
- The first PVC Pipe plant is built in McPherson, KS (now a part of NAPCO).

**1970**
- Certa-Lok Yelomine is introduced to the Mining industry.

**1980**
- Certa-Lok expands into Water Well casing and Municipal Water and Sewer.

**1990**
- Certa-Lok expands into Agriculture mainline under Certa-Set.

**2000**
- Certa-Lok expands into Electrical, Telecommunication and Conduit.
- Certa-Lok introduces RJIB.

**2010**
- Certa-Flo is introduced for Sewer.
- Certa-Lok and Certa-Flo expand in large diameter pipes.

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**Westlake** Pipe & Fittings

**1980:**
- Certa-Lok expands into Water Well casing delivering time savings vs. solvent weld joints. This easy and fast option continues to drive its popularity in the market today.
- Certa-Lok expands into Municipal Water and Sewer with the introduction of AWWA C900 RJ.

**1990:**
- Certa-Lok expands heavily in the water and sewer markets by introducing new sizes.
- Certa-Lok agriculture mainline and the Certa-Set row crop irrigation system are introduced.

**2000:**
- Certa-Lok expands to electrical, telecommunication and conduit.

**2010:**
- Certa-Lok introduces RJIB (Restrained Joint Integral Bell). Customers can now pick Restrained Joint (Pipe and Coupling) or RJIB.
- Certa-Flo is introduced for sewer systems. Certa-Flo becomes the choice for Horizontal Directional Drilling (HDD) and Static Pipe Bursting applications for sewer system repair projects as well as new construction.
- Certa-Lok expands and grows with the focus on municipal water and sewer and becomes the market leader; the reliable choice based on its proven performance and unsurpassed field support for HDD, Pipe Bursting and open trench installations.
- Responding to market demands, Certa-Lok and Certa-Flo expand and introduce large diameter pipes for water and sewer applications.
- Certa-Lok® CLIC™ spline technology is introduced.

Certa-Lok family of products are the first corrosion free system made from Polyvinylchloride (PVC) which is one of the world's most sustainable products, making it ideal for long-term use in underground infrastructure. It requires less energy and fewer resources to manufacture than old-technology materials, and its production creates virtually no waste.