

# DuroMaxx™ – The Next Generation of Irrigation Pipe



DuroMaxx reinforced irrigation pipe from CONTECH Construction Products Inc. provides an effective and economical solution for low head water transmission used in irrigation ditch enclosure lines. The combination of High-Density Polyethylene Resin (HDPE) with steel reinforcing ribs provides exceptional performance and ease of installation.

## Higher Flow Rates

High flow rates are achieved with a smooth polyethylene waterway wall. Target flow rates can be assured with DuroMaxx by contacting your local CONTECH sales engineer for the appropriate information. Mannings "n" values will range between 0.011 to 0.013.

## Lighter Weight

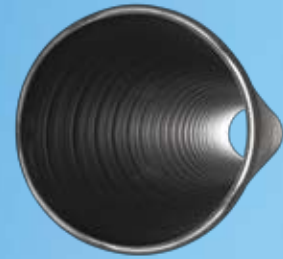
DuroMaxx pipe is light weight which means it can be easily and quickly handled and installed, often eliminating the need to use heavy construction equipment. As the two main cost drivers to install water conveyance products are manpower and machinery, DuroMaxx provides an opportunity to save in both, resulting in less overall spending.

## Key Advantages

- Sustainable Water Tight Pressure capabilities
- Lower total installed cost

### Service Period

Diameters (inches)	9 Months	Continuous (50 years)
30" - 42"	9.50 psi	6.75 psi
48" - 60"	10.0 psi	8.50 psi
72"	10.0 psi	10.0 psi



**DuroMaxx™**  
A REINFORCED STORM DRAIN PIPE





## Joints

The joining system is manufactured with a steel reinforced bell and spigot designed to support long term low head pressure applications. DuroMaxx bell and spigots are rigorously designed to achieve 15 psi when tested in accordance with ASTM D3212, the industry standard for joint performance testing. The bell and spigot used with DuroMaxx are reinforced with high strength steel rings to eliminate the potential for plastic creep over time, assuring the joint sustains its watertight performance over the lifetime of your project. DuroMaxx joints will meet your performance needs on a sustainable basis, not just in the lab.

## Longer Lengths: Fewer Joints

DuroMaxx pipe is manufactured in standard 20 foot lengths with bell and spigot joints. It can be provided on an as needed basis in varying lengths in plain end or with bell and spigot joints. Fewer joints to assemble on site equals a faster and more economical installation.

## Fittings

Custom HDPE solid wall fittings are designed to interface with DuroMaxx pipe to fulfill the project requirements for your system, while providing the integrity required to meet your water tight system performance.

## Sizes

Available in diameters up to 60 inches, DuroMaxx can be installed per the ASTM specification D2321 and requires a 12" minimum cover depth for standard highway loads.



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DuroMaxx is supported by Plastream technology.

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