

Pipe Dream

CertainTeed agricultural irrigation piping systems offer features aluminum systems can only imagine

It's probably been a while since your farm switched from horse-drawn plows to tractors. So why are you still struggling with aluminum irrigation pipe? Especially when there is a proven alternative – CertainTeed CertaSet™ portable solid-set irrigation systems.

CertainTeed has manufactured Yelomine™ polyvinyl chloride (PVC) piping systems for demanding mining and industrial applications for nearly 40 years. Certa-Set™ draws on this performance-proven heritage, with unique features that no other irrigation system – aluminum or plastic – can match.

The Certa-Set™ System

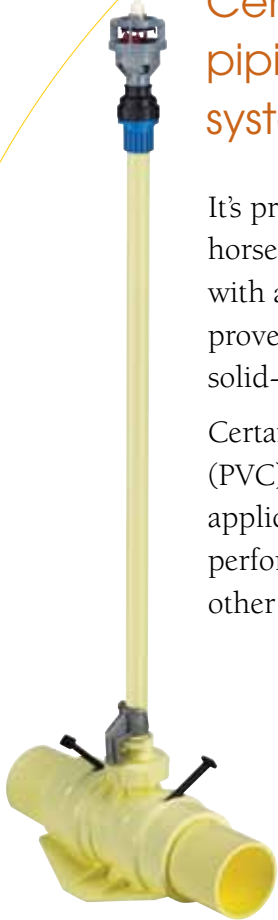
- 3" Yelomine™ PVC pipe (30' and 40' lengths)
 - Excellent impact and UV resistance
- 3" Certa-Set™ sled coupling
 - Leakproof restrained joint connection for pipe segments
 - Provides stable support for sprinkler risers
 - Quick release bayonet-style design
- Other system components
 - Certa-Lok™ main line pipe
 - Certa-Set™ PVC riser pipe

New 3/4" Certa-Set™ molded riser cap








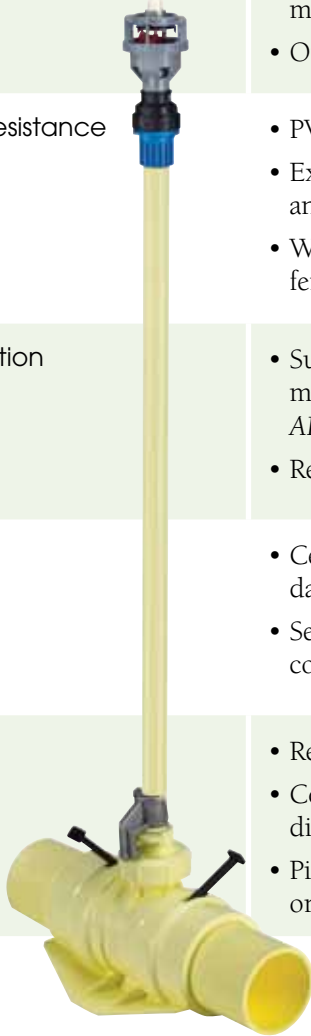
- 50% greater flow characteristics than current 1/2" riser
 - > Larger volume of water, less time to irrigate
- Allows larger sprinklers and nozzles
 - > Increases distribution uniformity
- Less friction loss
 - > Lower energy costs

Patent Pending



Key advantages of CertainTeed agricultural irrigation piping systems

FEATURE	BENEFIT	
<p>Certa-Set™ Restrained Joint with leakproof design</p>	<ul style="list-style-type: none"> • Maintains watertight seal no matter how many times pipe is assembled, disassembled and reassembled • Conserves water and reduces possibility of crop loss due to puddling • Improves germination rates through greater control of watering schedule, and no loss of water at start-up and drain-down 	
<p>Certa-Set™ Sled Coupling</p>	<ul style="list-style-type: none"> • Eliminates leaky joints and puddling • Ensures risers remain upright, even during mechanical handling • Optimizes performance 	
<p>Corrosion resistance</p>	<ul style="list-style-type: none"> • PVC cannot pit or corrode, provides increased product life • Extremely smooth interior surface improves water flow and water quality • Will not deteriorate due to electrolysis or injection of fertilizers or chemicals, even copper-based products 	
<p>Mechanization options</p>	<ul style="list-style-type: none"> • Suitable for mechanical side shift operations and mechanized pipe placement and retrieval (such as AIM Inc's Golden Retriever, at right) • Reduces field labor 	
<p>Durability</p>	<ul style="list-style-type: none"> • CertainTeed PVC is modified to withstand the potentially damaging effects of prolonged exposure to sunlight • Seven-year limited warranty (on Certa-Set™ pipe and couplings and Kwik-Latch™) 	
<p>Ease of use</p>	<ul style="list-style-type: none"> • Requires fewer people, less labor and equipment • Components are easy to install, and just as easy to disassemble for relocation and reuse • Pipe can be handled without heavy equipment or special tooling 	



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