

# ACME SERVICE FITTINGS FOR HDPE LATERALS

## Compression x Acme



### FEATURES

- 1½" Female Acme Outlets
- Full size fittings
- All plastic
- Internal restraint & seal
- Rated 230psi

### BENEFITS

- Strength and reliability
- No fusion required
- Horizontal orientation of branch
- No holes cut in pipe
- No metal screws

### CONFIGURATIONS

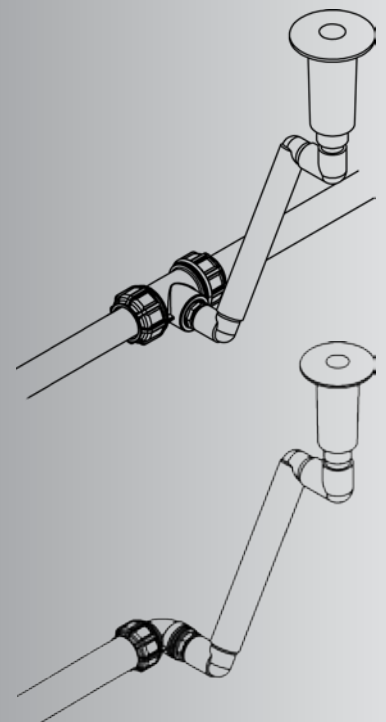
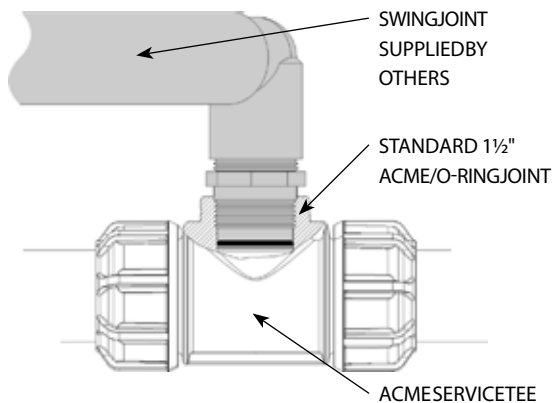
- Service Tee
- Service Elbow
- Service Adapter

### SIZES

2" x 1½"

### Looking for something more robust than PVC mechanical clamp saddles?

Available now are ACME Service Tees, Service Ells, and Service Adapters for 2" HDPE laterals in golf irrigation systems. Make the critical connection of the lateral to the swing joint serving the irrigation head with a full size fitting, branches directed horizontally, no holes drilled in pipe, and no metal screws to tighten. Having the industry standard 1½" Female Acme outlet for connection to swing joints, this polypropylene compression fitting provides for easy installation without fusion. Being full sized fittings, they will have better long-term strength and reliability than the saddles previously used.

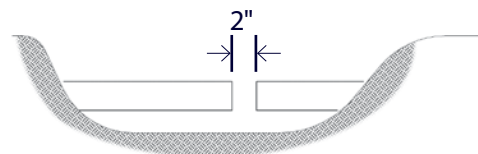


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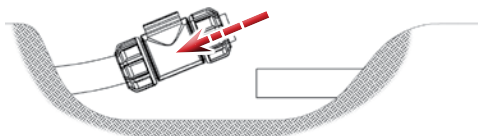
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### Tee Installation

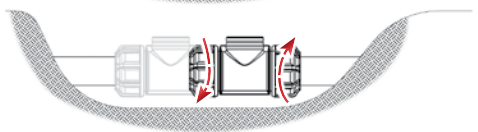
After "pulling lateral," excavate to expose pipe at required location.



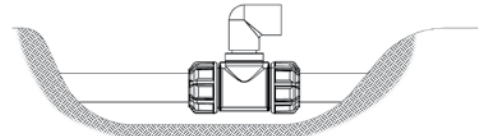
Cut 2" gap in pipe at desired position to serve branch of tee. Cuts should be square. Remove dirt, debris, shavings, and burrs from ends of pipes. Knock rawed edges off pipe at cut.



Lift one end of lateral and "load" service tee as shown.



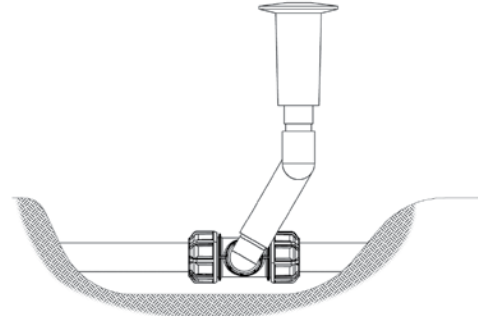
Align pipe ends. Pull service tee over joint. Center branch over gap. **HAND TIGHTEN NUTS.**



Confirming branch is centered over pipe gap, install swing joint inlet assembly into branch of service tee, threaded full "in."



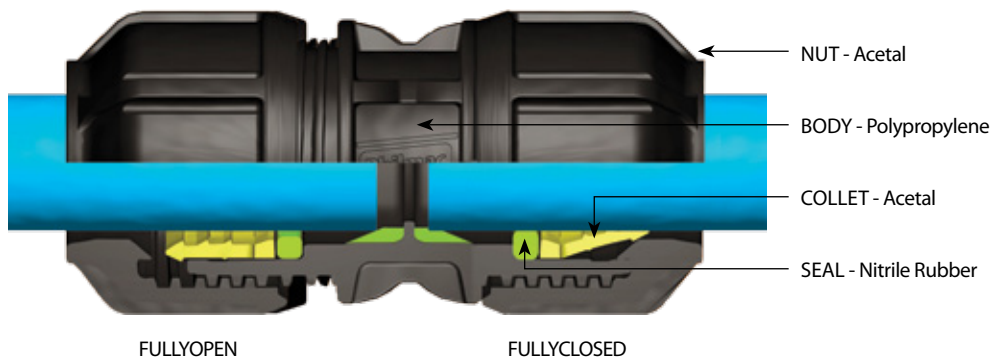
Rotate service tee to position branch horizontally and **FULLY TIGHTEN NUTS WITH WRENCH.** "Back off" swing joint inlet so that ell is pointing up and can be rotated to final position when the swing joint is installed.



Install the rest of the swing joint and irrigation head. Fully thread swing joint into service tee. Back off to final position per swing joint manufacturer at least 1/4 rotation, but no more than 1 1/4 rotation.

COMPRESSION x ACME SERVICE FITTINGS

SIZE	DESCRIPTION	PART #	WT
2 x 1 1/2	ACME SERVICE TEE	75-353886	2.0
2 x 1 1/2	ACME SERVICE ELL	75-32386	1.2
2 x 1 1/2	ACMESERVICEADAPTER	75-33386	1.0



### MATERIALS OF CONSTRUCTION

Body: Polypropylene

Nut: Acetal

Collet: Acetal

Seal: Nitrile Rubber

### SUGGESTED SPECIFICATION

Service Fittings for 2" laterals serving irrigation heads shall be polypropylene compression fittings in the form of tees, ells, or adapters with 1 1/2" Female Acme outlets. Pressure Rating shall be 230psi. Installation shall not require disassembly of the fitting, the handling of any loose parts, or the beveling and lubrication of pipe. All service outlets shall be oriented horizontally. Fittings shall be as manufactured by Philmac Pty Ltd. and The Harrington Corporation (Harco) of Lynchburg, VA.

### CAUTION:

Philmac does not recommend or warrant the use of 3G™ Compression Fittings "inside the building" or for "hot water" applications.



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