

TABLE 1

Pipe	Minimum	PVC	PVC
Size	Insulation	Jacket	Jacket
	Thickness	O.D.	Wall
1⁄2"	2.68"	6.12"	.070"
³ /4"	2.56"	6.12"	.070"
1"	3.43"	8.16"	.070"
1 ¼"	3.31"	8.16"	.070"
1½ "	2.94"	8.16"	.070"
2"	2.94"	8.16"	.070"
2 ½"	3.69"	10.20"	.070"
3"	3.44"	10.20"	.070"
4"	3.94"	12.24"	.080"
6"	3.94"	14.32"	.100"

Service Pipe:

Carbon steel service pipe shall be standard weight A333 welded or seamless beveled for welding. Copper service pipe shall be Type "K", hard drawn copper tubing to ASTM B-88 and WWT-799. Straight lengths of piping will be supplied in 20 ft. lengths. Straight lengths of piping will be supplied with 6" of piping exposed at each end for field joint fabrication.

Insulation:

The insulation shall be a foamed in place closed cell polyurethane which completely fills the annular space between the carrier pipe and the exterior casing. The insulation shall have the following physical properties: Minimum Density (lb./cu. ft.) 2.0 ASTM D-1621, 90-95 % Closed Cell ASTM D-2856 "K" Factor BTU/Hr. sg. ft. °F/in. 147 ASTM C-177

Exterior Casing:*

The exterior casing shall be seamless, extruded white PVC Type 1, Grade 1, Class 12454-B per ASTM D-1784

Sub-Assemblies:

All fittings, end seals, other sub-assemblies shall be prefabricated or field fabricated dependant upon engineer's option and/or site conditions.

Field Joints:

After soldering/welding and hydrostatic testing, PVC jacketed straight field joints shall be insulated with polyurethane foam to the thickness specified, PVC sleeve and pressure sensitive tape.

TABLE 2

Pipe Size	Minimum	PVC	PVC
	Insulation	Jacket	Jacket
	Thickness	O.D.	Wall
1/2" + 1/2"	2.25"	8.16"	.080"
$\frac{3}{4}" + \frac{3}{4}"$	2.08"	8.16"	.080"
1" + 1"	2.58"	10.20"	.100"
1¼" +1¼"	2.42"	10.20"	.100"
1½" + ¾"	2.50"	10.20"	.100"
1½" + 1"	2.42"	10.20"	.100"
11/2" + 11/2"	2.92"	12.24"	.120"
2" + 1"	2.92"	12.24"	.120"
2 " + 1½"	2.75"	12.24"	.120"
2" + 2"	3.25"	14.32"	.140"
2 ¹ ⁄ ₂ " + 1 ¹ ⁄ ₂ "	3.25"	14.32"	.140"

Installation:

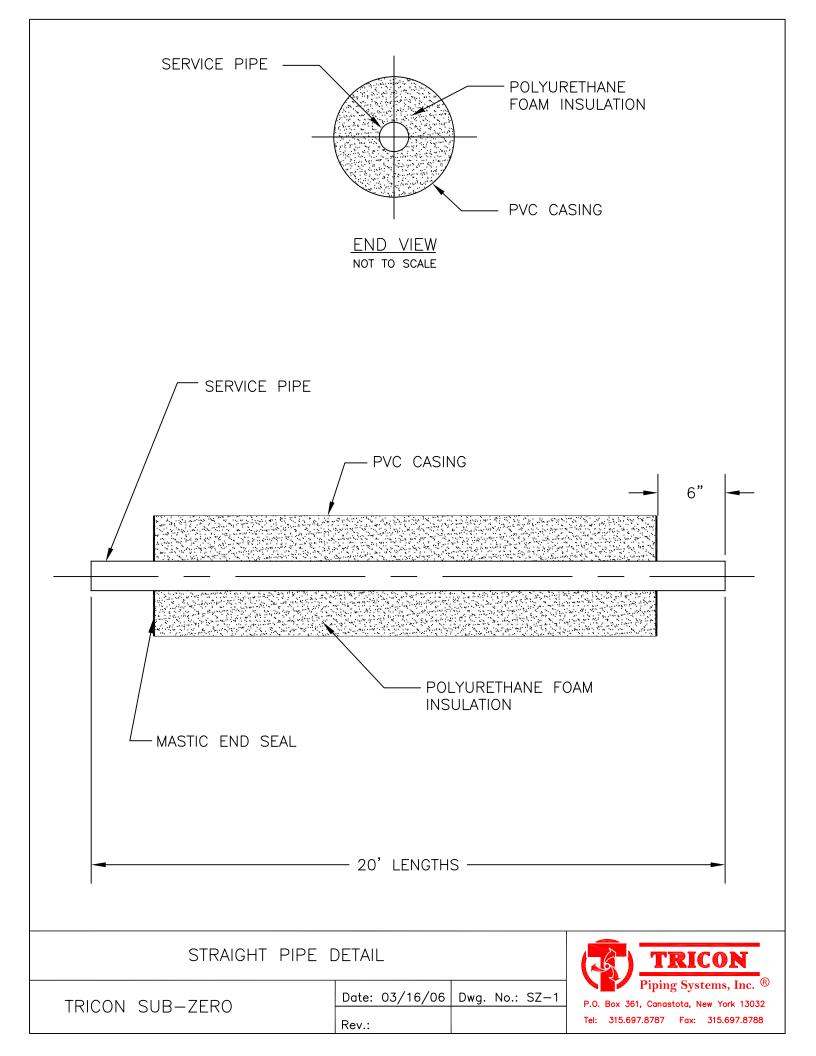
The installing contractor shall handle the piping system in accordance with the directions furnished by the manufacturer and as approved by the architect and engineer. The carrier piping shall be hydrostatically tested to 1-1/2 times the operating pressure or as specified in the contract documents. The test shall be maintained for a minimum time of 1 hour.

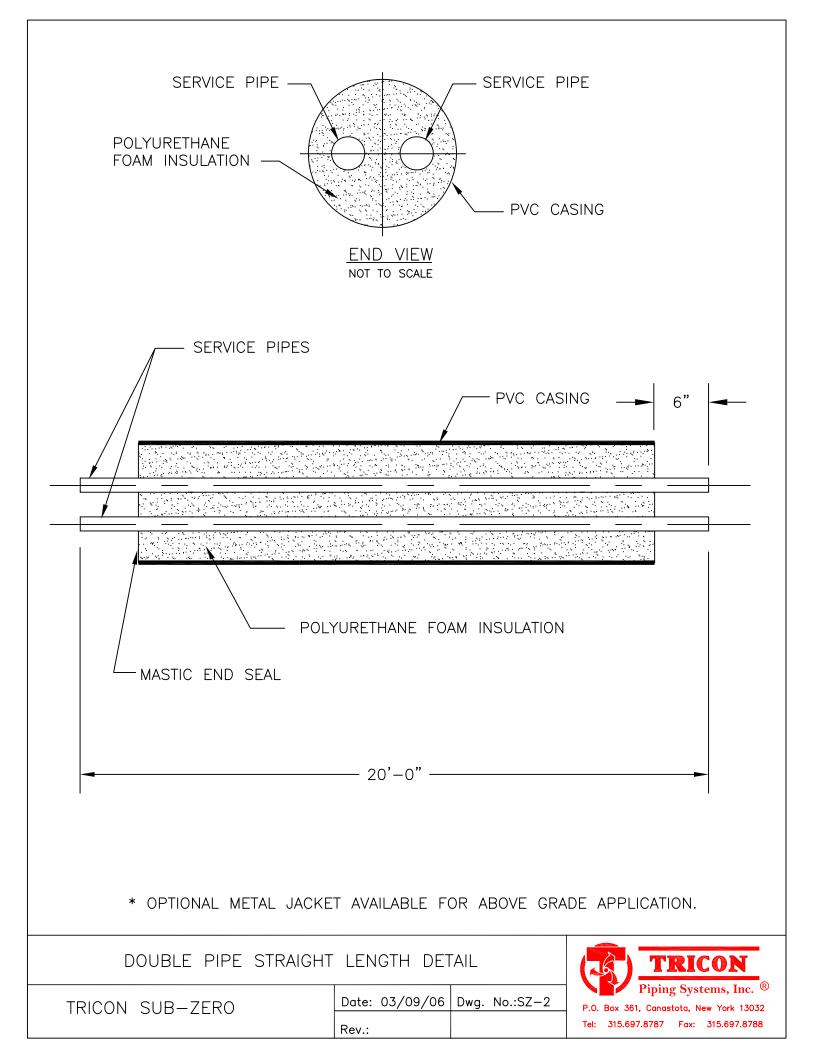
EXERCISE DUE CARE WHEN INSTALLING AND TESTING THE PIPING SYSTEM

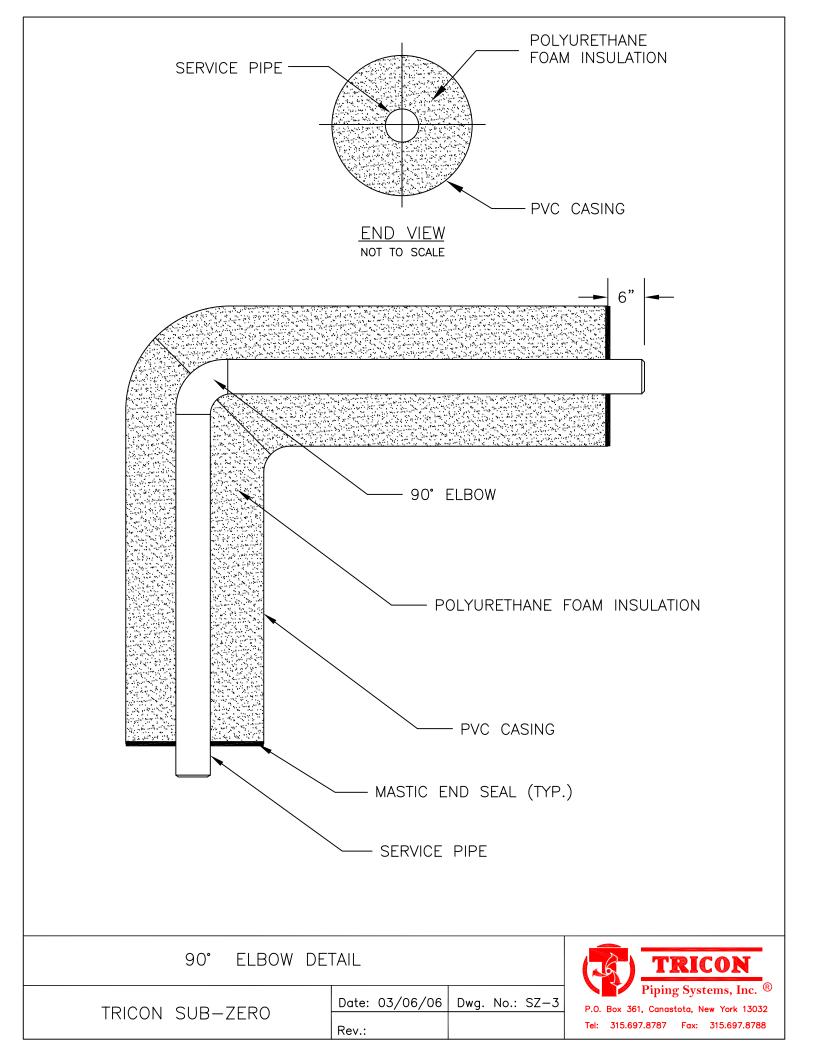
System Options:

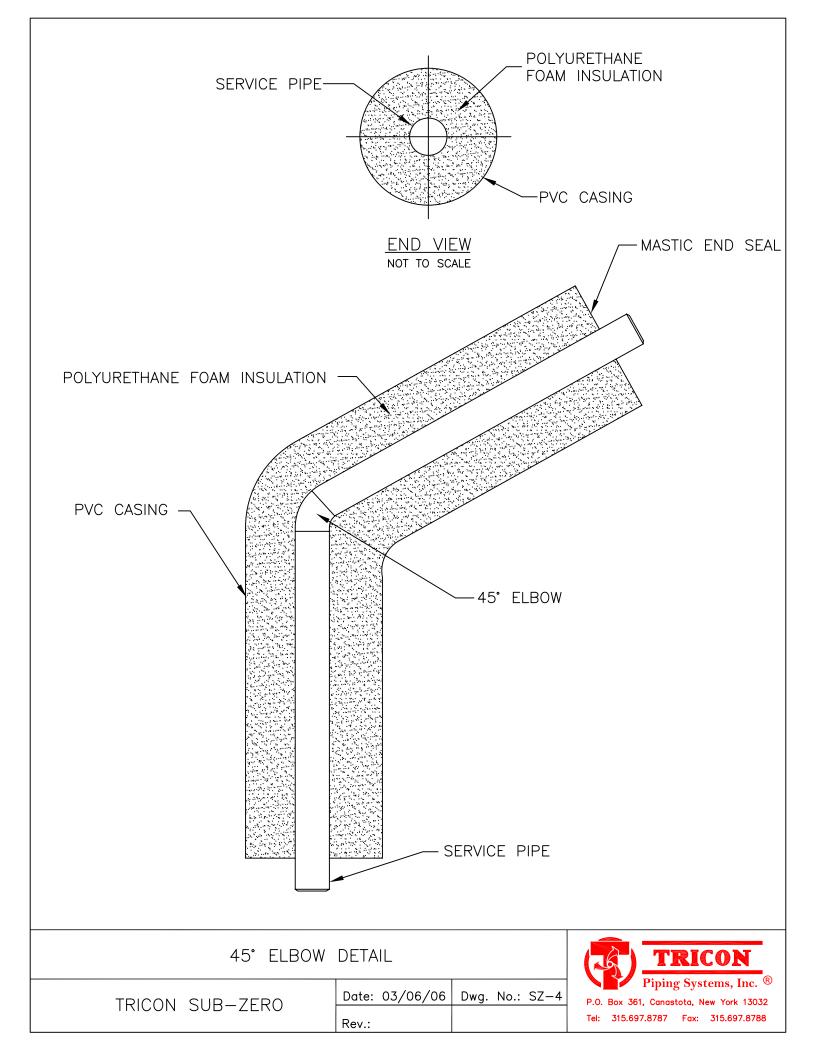
- Contact your Tricon representative for available sizes and system options.
- * Optional metallic casings for above ground applications include, Spiral Lockseam in Galvanized, Aluminum or Stainless Steel.

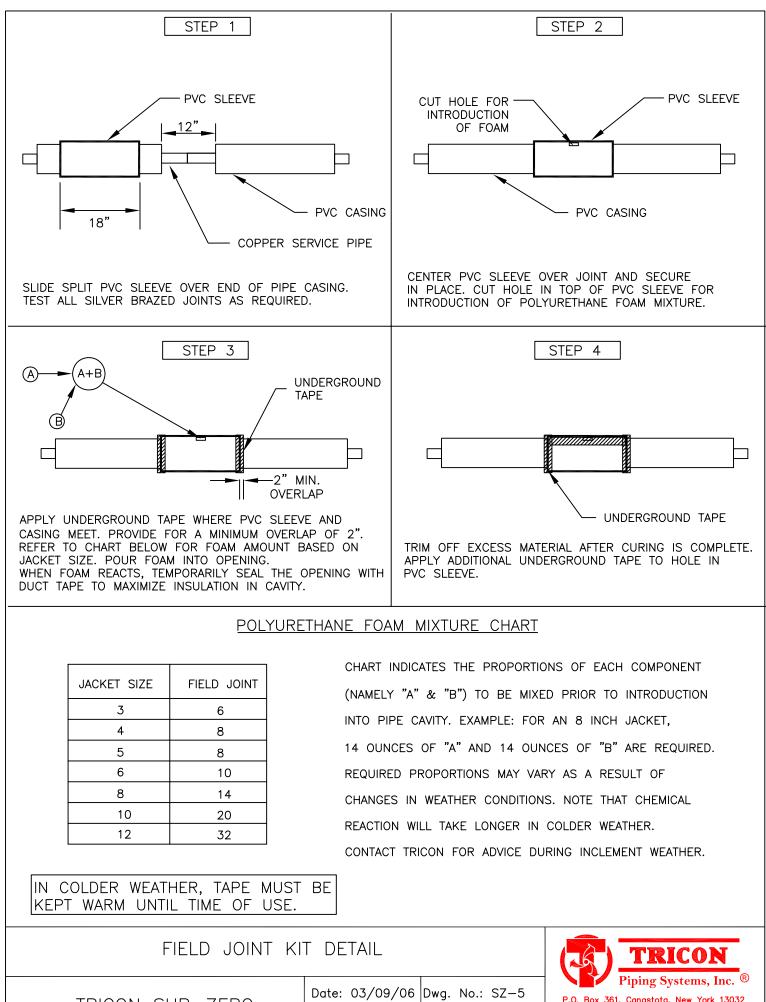
Tricon Piping Systems, Inc. P.O. Box 361 Canastota, NY 13032 Tel: 315-697-8787 Fax: 315-697-8788 www.triconpiping.com









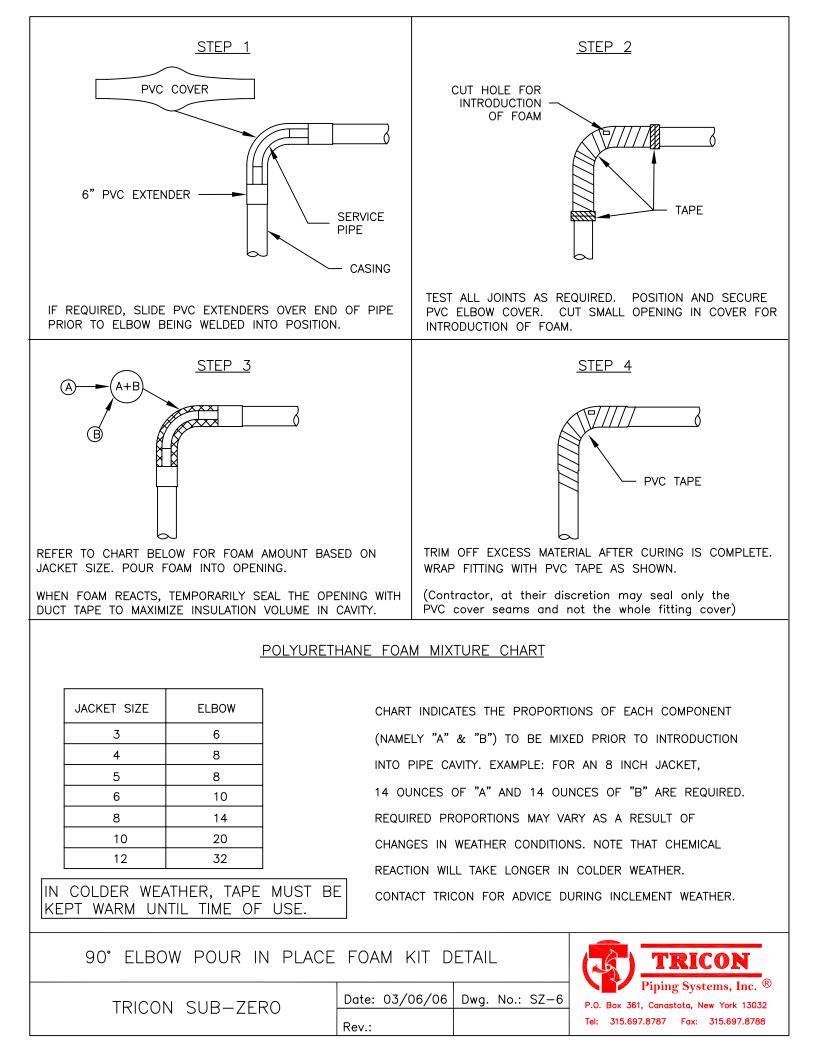


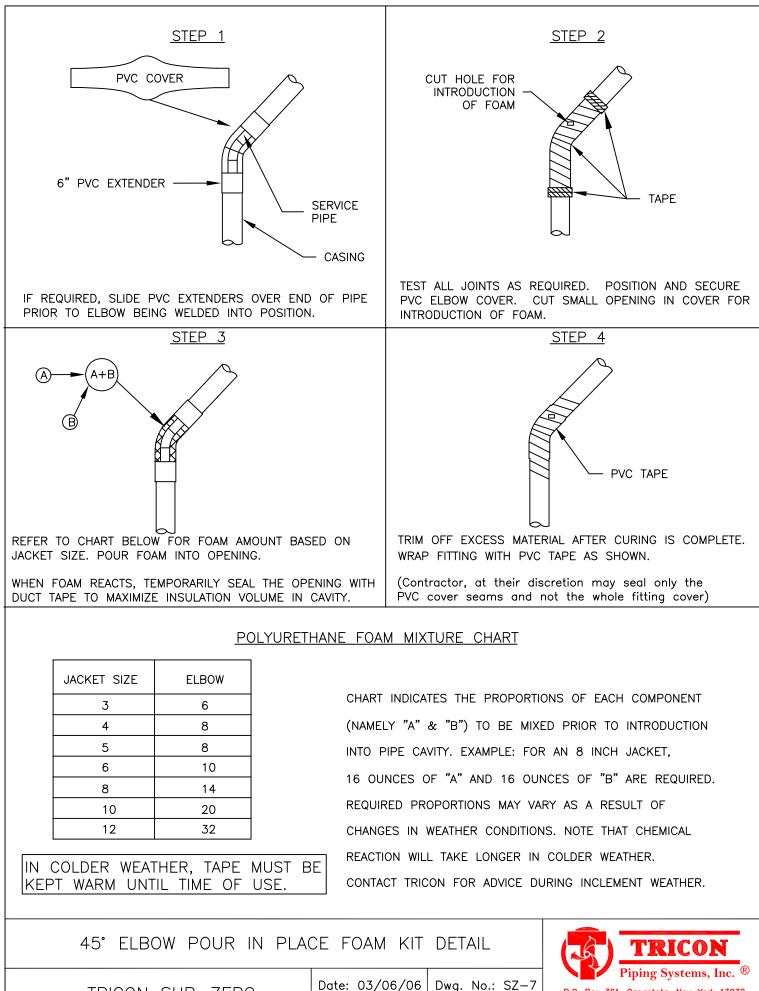
TRICON SUB-ZERO

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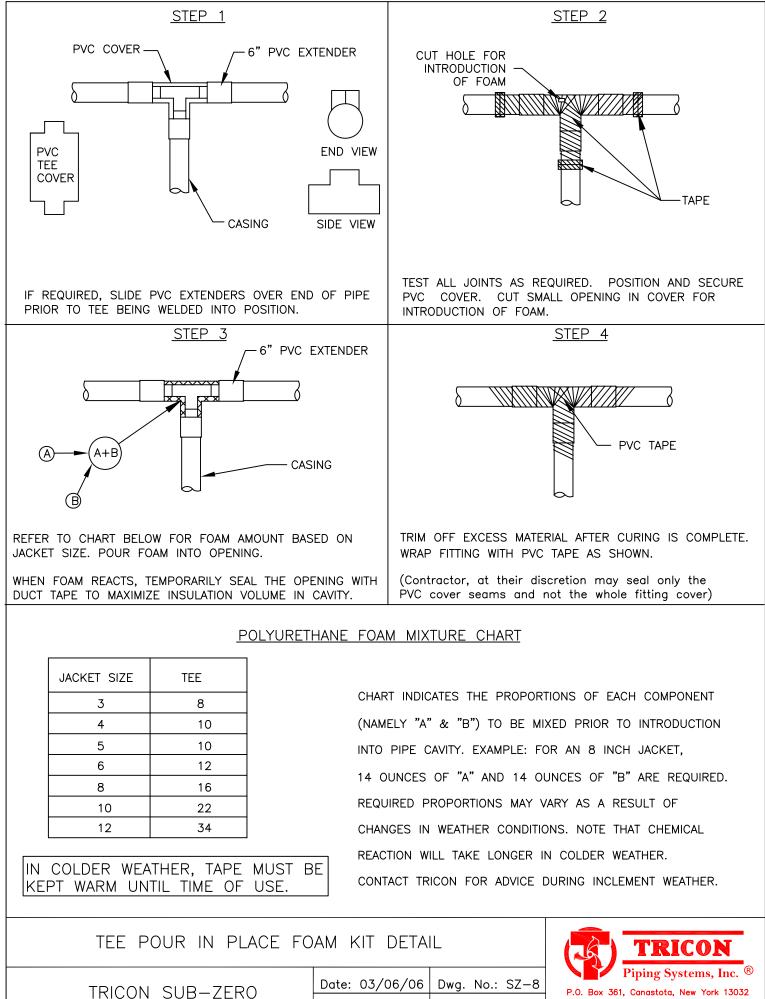




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