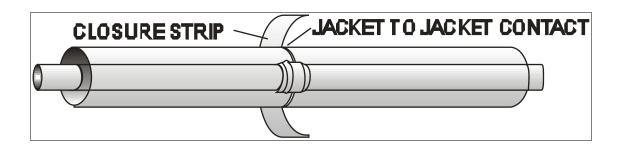
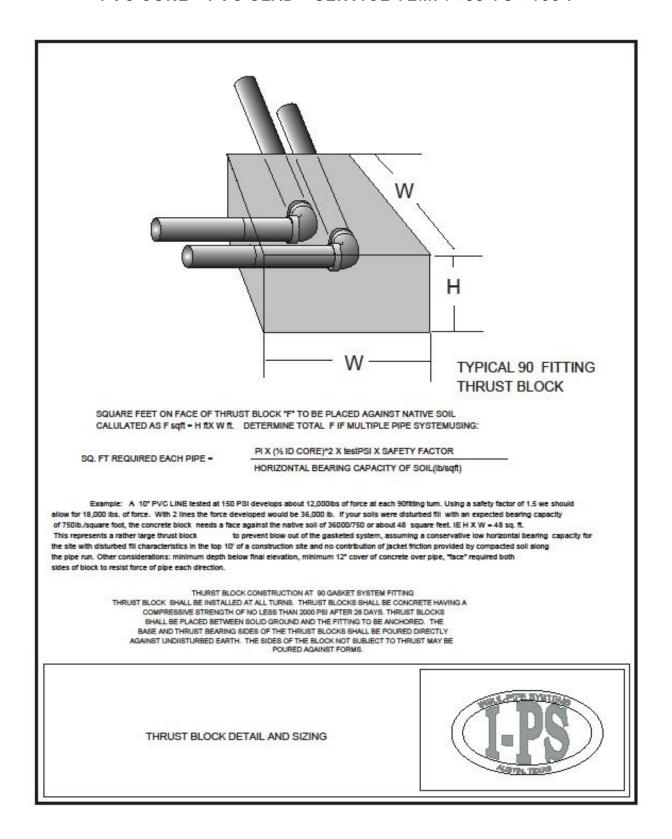
INSUL-PIPE SYSTEMS PVC CORE * PVC CLAD * SERVICE TEMP: +35 TO +100 F

PIPING SYSTEM:	Underground pre-insulated chilled water supply and return			
	piping system.			
CARRIER PIPE:	POLYVINYLCHLORIDE (PVC) Class 160 or 200, SDR 26			
	or SDR 21, bell and spigot, gasketed push joints			
OUTER JACKET:	Polyvinylchloride (PVC) white, low pressure rated, seamless,			
	ASTM D-1784, Class 1, Type 1. Able to withstand H-20			
	Highway loading. Thickness as shown below.			
INSULATION:	Polyurethane, 2.5 PCF density, 90 to 95% closed cell, poured			
	in place, "K" = .14 per inch @ 75 degrees F. Thickness as			
	shown below.			
END SEALS:	Factory applied, waterproof mastic covering the urethane			
	insulation at the end of each joint of pipe and bonded to the			
	carrier pipe and the outer jacket.			
JOINT COVERS:	Coupling joints on straight pipe are sealed with polyethylene			
	tape at the jacket-to-jacket connection.			
	Fittings are solvent weld type, Schedule 40 PVC, un-insulated			
	and must be provided with concrete thrust blocks at all			
FITTINGS:	changes of direction.			

TITINOS.		changes of anceron.				
	Insulation	Jacket	Jacket		Heat	
Nominal	Thickness	O.D.	Thickness	Insulation	Transfer	
Pipe Size	Inches	Inches	Inches	"R" Value	BTU/LF/FDT	
1½	1.23	4.50	0.060	8.78	0.0585	
2	1.00	4.50	0.060	7.14	0.0872	
2	1.82	6.14	0.060	13.71	0.0405	
21/2	1.55	6.14	0.060	11.07	0.0535	
3	1.25	6.14	0.060	8.55	0.0813	
4	1.75	8.16	0.080	12.50	0.0741	
6	1.68	10.20	0.100	12.00	0.1556	
8	1.69	12.24	0.120	12.07	0.1870	
10	1.65	14.32	0.140	11.78	0.2388	
12	1.47	16.00	0.160	10.50	0.3179	



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