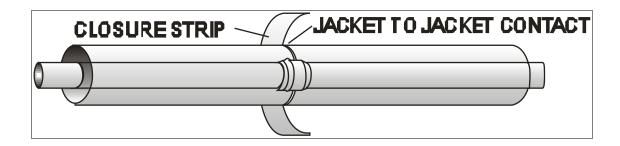
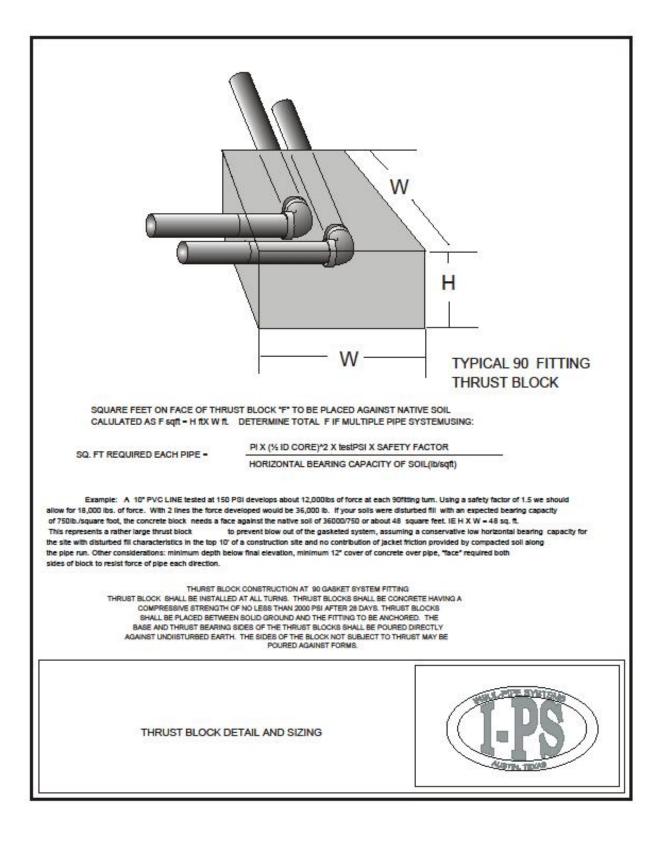
INSUL-PIPE SYSTEMS

PVC CORE * PVC CLAD * SERVICE TEMP: +35 TO +100 F

FVC	UURE I	PVCCLAD	JERVICE I	LIVII . + 33 I	0 + 100 1
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			
			• •		
INSULATION:		Highway loading. Thickness as shown below. Polyurethane, 2.5 PCF density, 90 to 95% closed cell, poured			
		in place, "K" = .14 per inch @ 75 degrees F. Thickness as			
		shown below. $\mathbf{K} =$.14 per men @	75 deglees r.	THICKNESS as
END SEALS:					
END SEALS:		Factory applied, waterproof mastic covering the urethane insulation at the end of each joint of pipe and bonded to the			
					bonded to the
JOINT COVERS:		carrier pipe and the outer jacket.			
		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.			
	Insulation	Jacket	Jacket		Heat
Nominal	Thickness	O.D.	Thickness	Insulation	Transfer
Pipe Size	Inches	Inches	Inches	"R" Value	BTU/LF/FDT
11/2	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 2	1.55 1.25	6.14 6.14	0.060	11.07	0.0535 0.0813
3 4	1.25	6.14 8.16	0.060 0.080	8.55 12.50	0.0813
4	1.75	10.20	0.080	12.50	0.0741
8	1.69	10.20	0.100	12.00	0.1556
o 10	1.65	12.24	0.120	12.07	0.1870
12	1.05	14.32	0.140	10.50	0.2388
14	1.47	10.00	0.100	10.00	0.3179



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