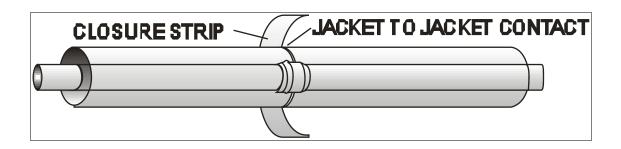
## INSUL-PIPE SYSTEMS PVC CORE \* PVC CLAD \* SERVICE TEMP: +35 TO +100 F

PIPING SYSTEM:	Underground pre-insulated chilled water supply and return				
	piping system.				
CARRIER PIPE:	POLYVINYLCHLORIDE (PVC) Schedule 40/80, bell and				
	spigot, solvent weld (glue type) 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				
END SEALS:	shown below.				
	Factory applied, waterproof mastic covering the urethane				
	insulation at the end of each joint of pipe and 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:	Fittings are solvent weld type, Schedule 40 PVC, un-insulated				
	and must be provided with concrete thrust blocks at all				
	changes of direction.				

	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



## **INSUL-PIPE SYSTEMS**

