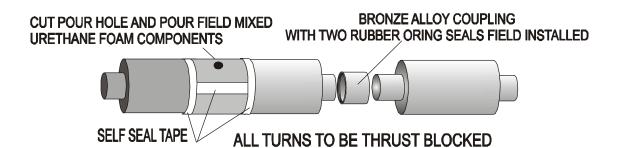
INSUL-PIPE SYSTEMS

COPPER CORE * PVC CLAD * SERVICE TEMP: -300 TO +250 F

return piping system.	
CARRIER PIPE: COPPER, hard drawn, Type L or K as specified, 20	-foot
lengths.	
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 ce	ell, poured
in place, "K" = .14 per inch @ 75 degrees F. Thick	ness as
shown below.	
END SEALS: Factory applied, waterproof mastic covering the ure	ethane
insulation at the end of each joint of pipe and bonde	ed to the
carrier pipe and the outer jacket.	
JOINT COVERS: Each length of pipe comes with an O-Ring type bras	ss coupling
which allows each joint to expand or contract as the	system
temperature may require. Couplings are insulated b	y wrapping
a PVC cover around the coupling joint, then pouring	g
polyurethane insulation into the annular space, clear	ning off the
excess and sealing with tape provided.	
FITTINGS: Each fitting comes with an O-Ring coupling that is	slip joint;
fittings are to solder joined and must be thrust block	ked in
concrete at all changes in direction, eliminating the	need for
fitting insulation kits.	

	Insulation	Jacket	Jacket		Heat
Nominal	Thickness	O.D.	Thickness	Insulation	Transfer
Pipe Size	Inches	Inches	Inches	"R" Value	BTU/LF/FDT
1	1.59	4.50	0.060	11.35	0.0259
11/4	1.47	4.50	0.060	10.50	0.0343
1½	1.37	4.50	0.060	9.78	0.0435
2	1.12	4.50	0.060	8.00	0.0695
2	1.92	6.14	0.060	13.71	0.0405
21/2	1.67	6.14	0.060	11.92	0.0568
3	1.42	6.14	0.600	10.14	0.0806
4	1.93	8.16	0.080	13.78	0.0783
5	1.43	8.16	0.080	10.21	0.1314
6	1.93	10.20	0.080	13.78	0.2415



INSUL-PIPE SYSTEMS

