

## Pre-insulated Pex-A Pipe

JOB		REPRESENTATIVE	
ENGINEER		ORDER #	DATE
CONTRACTOR		SUBMITTED BY	DATE
PAGE #		APPROVED BY	DATE

Qty/Length	Part #	Pipe OD	SDR	Comments

Terre-Pex is the premier product for district heating and cooling, underground piping systems, plumbing systems, radiant and snow melting systems, and insulated interior building piping.

Materials	
Service Pipe	Cross-linked polyethylene (Pex-A), manufactured per the Engle method complete with an EVOH oxygen barrier to conform to DIN 4726. Surface roughness value of 0.02 mil. NSF certified. SDR-11
Insulation	Consists of microcellular, cross-linked polyethylene closed cell foam, CFC free. Service temperature of -112°F to 230°F. Water absorption after 28 days DIN 53428 <1.04% of volume.
Jacket	Corrugated closed chamber seamless high density polyethylene (HDPE), UV protected.
Approval	NSF 14 and NSF 61
Operating Limits	Working pressures are 220 psi @ 68 degrees F, 88 psi @ 203 degrees F, and 132 psi for gas

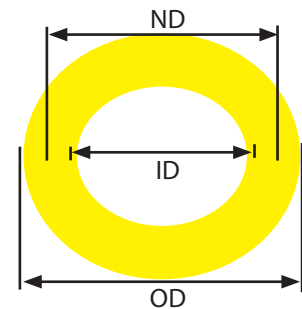
Description	Part #	Length
32mm Single Insulated Pex 90mm Outer Jacket	H9032	328'
1-1/4" 40mm Single Insulated Pex 140mm Outer Jacket	H14040	328'
1-1/2" 50mm Single Insulated Pex 140mm Outer Jacket	H14050	328'
2" 63mm Single Insulated Pex 160mm Outer Jacket	H16063	328'
2-1/2" 75mm Single Insulated Pex 160mm Outer Jacket	H16075	328'
3" 90mm Single Insulated Pex 200mm Outer Jacket	H20090	328'
4" 110mm Single Insulated Pex 200mm Outer Jacket	H200110	328'



Terre-Pex pre-insulated Pex-A pipe carries 10 year factory warranty from date of commissioning.

### Single Heating Pipes

Art. No.	Medium		s	ID	Bending radius	water content	Heat capacity	R-value
	Jacket pipe OD	pipe OD						
	in	in	in	in	in	gal/100ft	Btu/hr	Btu/hr / ft / °F
H9032	3.5	1.26	0.11	1.03	9.8	4.34	205	7.064
H14040	5.5	1.57	0.15	1.28	13.8	6.72	307	6.868
H14050	5.5	1.97	0.18	1.61	15.7	10.53	478	6.868
H16063	6.3	2.48	0.23	2.02	21.7	16.71	751	6.434
H16075	6.3	2.95	0.27	2.42	29.5	23.85	1126	5.229
H20090	7.9	3.54	0.32	2.90	43.3	34.27	1638	5.227
H200110	7.9	4.33	0.39	3.54	47.2	51.24	2388	3.889



ND = Nominal Diameter  
ID = Internal Diameter  
OD = Outer Diameter