

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.

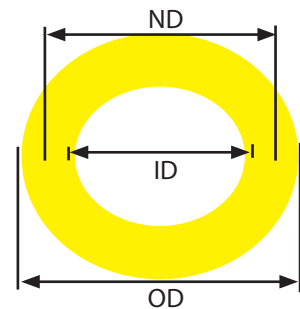
Materials	
Service Pipe	Cross-linked polyethylene (Pex-A), manufactured per the Engle method complete with an EVOH oxygen barrier to conform to DIN 4726. Surface roughness value of 0.02 mil. NSF certified. SDR-11
Insulation	Consists of microcellular, cross-linked polyethylene closed cell foam, CFC free. 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

Double Heating Pipes								
Part No.	Jacket OD"	Pipe OD"	Pipe ID"	Bend Rad."	Gal/100'	BTU/Hour	R-Value/Ft'	
HD1401	5.5"	1.125"	0.125"	0.875"	13.8"	5.26	102	7.109
HD14032	5.5"	1.26"	0.115"	1.03"	15.7"	8.68	205	5.661
HD16040	6.3"	1.57"	0.15"	1.28"	23.6"	13.45	307	5.468
HD16050	6.3"	1.97"	0.18"	1.61"	23.6"	21.08	478	3.918
HD20063	7.9"	2.48"	0.225"	2.02"	47.2"	33.42	751	3.595



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

Description	Part #	Length
28mm Double Insulated Pex 140mm Outer Jacket	HD1401	328'
32mm Double Insulated Pex 140mm Outer Jacket	HD14032	328'
1-1/4" 40mm Double Insulated Pex 160mm Outer Jacket	HD16040	328'
1-1/2" 50mm Double Insulated Pex 160mm Outer Jacket	HD16050	328'
2" 63mm Double Insulated Pex 200mm Outer Jacket	HD20063	328'



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