



Pre-Insulated PEX-a Tubing

Single Heating Pipes

Part#	Description	Type	Length
1510032	Pre-Insulated PEX-a Barrier Tubing, 90mm Outer Jacket	32mm (1") Single	328'
1510040	Pre-Insulated PEX-a Barrier Tubing, 140mm Outer Jacket	40mm (1 1/4") Single	328'
1510050	Pre-Insulated PEX-a Barrier Tubing, 140mm Outer Jacket	50mm (1 1/2") Single	328'
1510063	Pre-Insulated PEX-a Barrier Tubing, 160mm Outer Jacket	63mm (2") Single	328'
1510075	Pre-Insulated PEX-a Barrier Tubing, 160mm Outer Jacket	75mm (2 1/2") Single	328'
1510090	Pre-Insulated PEX-a Barrier Tubing, 200mm Outer Jacket	90mm (3") Single	328'
1510110	Pre-Insulated PEX-a Barrier Tubing, 200mm Outer Jacket	110mm (3 1/2") Single	328'

Part#	Outer Jacket OD	Carrier Pipe OD	s	ID	Bending Radius	Water Content	Heat Capacity	R-Value	Weight
	in	in	in	in	in	gal/100ft	Btu/hr	Btu/hr/ft/ °F	lbs/ft
1510032	3.5	1.26	0.11	1.03	9.8	4.34	205	7.064	0.67
1510040	5.5	1.57	0.15	1.28	13.8	6.72	307	6.868	0.87
1510050	5.5	1.97	0.18	1.61	15.7	10.53	478	6.868	1.07
1510063	6.3	2.48	0.23	2.02	21.7	16.71	751	6.434	1.87
1510075	6.3	2.95	0.27	2.42	29.5	23.85	1126	5.229	2.15
1510090	7.9	3.54	0.32	2.9	43.3	34.27	1638	5.227	3.18
1510110	7.9	4.33	0.39	3.54	47.2	51.24	2388	3.889	3.79

Materials	
Service Pipe	Cross-Linked Polyethylene (PEX-a), 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.
Operating Limits	Working pressures are 220 psi @ 68 degrees F, 88 psi @ 203 degrees F, and 132 psi for gas



Pre-Insulated PEX-a Tubing

Double Heating Pipes

Part#	Description	Type	Length
1520028	Pre-Insulated PEX-a Barrier Tubing, 140mm Outer Jacket	28mm (3/4") Double	328'
1520032	Pre-Insulated PEX-a Barrier Tubing, 140mm Outer Jacket	32mm (1") Double	328'
1520040	Pre-Insulated PEX-a Barrier Tubing, 160mm Outer Jacket	40mm (1 1/4") Double	328'
1520050	Pre-Insulated PEX-a Barrier Tubing, 160mm Outer Jacket	50mm (1 1/2") Double	328'
1520063	Pre-Insulated PEX-a Barrier Tubing, 200mm Outer Jacket	63mm (2") Double	328'

Part#	Outer Jacket OD	Carrier Pipe OD	Insulation Thickness	ID	Bending Radius	Water Content	Heat Capacity	R-Value	Weight
	in	in	in	in	in	gal/100ft	Btu/hr	Btu/hr/ft/ °F	lbs/ft
1520028	5.5	0.98	0.09	0.8	13.8	5.26	102	7.109	1.30
1520032	5.5	1.26	0.11	1.03	15.7	8.68	205	5.661	1.48
1520040	6.3	1.57	0.15	1.28	23.6	13.45	307	5.468	1.77
1520050	6.3	1.97	0.18	1.61	23.6	21.06	478	3.918	1.99
1520063	7.9	2.48	0.23	2.02	47.2	33.42	751	3.595	3.12

Materials	
Service Pipe	Cross-Linked Polyethylene (PEX-a), with an EVOH oxygen barrier to conform to DIN 4726. Surface roughness value
Insulation	Consists of microcellular, cross-linked polyethylene closed cell foam, CFC free. Service temperature of -112°F to
Jacket	Corrugated closed chamber seamless high density polyethylene (HDPE), UV protected.
Operating Limits	Working pressures are 220 psi @ 68 degrees F, 88 psi @ 203 degrees F, and 132 psi for gas



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COIL DIMENSIONS

Outer Jacket Size	Outside Diameter A	Inside Diameter B	Coil Width C
75mm	75"	48"	21.5"
90mm	75"	48"	21.5"
110mm	79"	48"	24"
140mm	91"	48"	28"
160mm	94"	48"	32"
200mm	94"	48"	56"

