

MrPEX® PEX-A TUBING WITH OXYGEN BARRIER SUBMITTAL SHEET



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Project Name _____ Date _____
 Submitted By _____ Phone _____
 Project Location _____ MrPEX® Rep. _____
 Engineer _____ Contractor _____
 Approval _____ P.O. Number _____

MrPEX® PEX-A TUBING WITH OXYGEN BARRIER

MrPEX® Barrier PEX tubing is Cross-Linked Polyethylene (PEX-a) manufactured in accordance with ASTM F 876. Tubing is listed to ASTM F 876/877 (CSA B137.5) and ICC-PMG 1053, and also certified by NSF (NSF-rfh). MrPEX® Barrier PEX tubing is rated by the Hydrostatic Stress Board of PPI (Plastics Pipe Institute) at: 160 psi at 73.4°F; 100 psi at 180°F; 80 psi at 200°F. MrPEX® Barrier PEX tubing has an EVOH oxygen barrier that meet DIN 4726. Tubing sizes 3/8” through 3/4” also has a thin coating of PE on top of the barrier in order to reduce noise when installed in joist applications and Aluminum heat transfer plates



- Backed by our 30 year warranty
- Available in nominal sizes 3/8” thru 2”
- Bending Radius = 4 Times O.D.
- PEX Expansion Ratio 1.1” / 10°F / 100ft

Standards

- ASTM F876/877
- ASTM F2159
- ASTM F1807
- ASTM F1960
- ASTM F2098
- ASTM F2080
- ASTM F2023
- CSA B137.5

Listings

- IAPMO UPC
- ICC-PMG 1053



Operating Temperature and Pressure

Max Temperature	Max Pressure
200°F (93.3°C)	80 psi
180°F (82.2°C)	100 psi
73.4°F (22.7°C)	160 psi

VOLUME AND WEIGHTS

Size	Volume	Weight
3/8” PEX	0.497 gallons/100 ft.	4.1 lbs/100 ft.
1/2” PEX	0.917 gallons/100 ft.	5.3 lbs/100 ft.
5/8” PEX	1.392 gallon/100 ft.	7.1 lbs/100 ft.
3/4” PEX	1.832 gallons/100 ft.	10.2 lbs/100 ft.
1” PEX	3.067 gallons/100 ft.	16.5 lbs/100 ft.
1 1/4” PEX	4.660 gallons/100 ft.	25.6 lbs/100 ft.
1 1/2” PEX	6.508 gallons/100 ft.	35.0 lbs/100 ft.
2” PEX	11.16 gallons/100 ft.	68.2 lbs/100 ft.

ASTM F876 PEX TUBING DIMENSION CHART

SIZE	OD	WALL	ID
3/8” PEX	0.500”	0.070”	0.360”
1/2” PEX	0.625”	0.070”	0.485”
5/8” PEX	0.750”	0.083”	0.584”
3/4” PEX	0.875”	0.097”	0.681”
1” PEX	1.125”	0.125”	0.875”
1 1/4” PEX	1.375”	0.153”	1.069”
1 1/2” PEX	1.625”	0.181”	1.263”
2” PEX	2.125”	0.248”	1.63”