

PEX-a

Potable water

PIPEX®

THINK FLEXIBLE

sales@auray.es

Product Description

Pipex PEX-a tubing is the most suitable method for distributing hot/cold water and radiant heat. Its flexibility and ease of installation properties make this product a better option than copper. UV rating 6 months according to standard ASTM F2657

Physical Properties

Material	Crosslinked Polyethylene type "a"
Density	≥0.059 lb/ft ³
Crosslinking degree	≥70%

Thermal Properties

Thermal conductivity	0.22 BTU/h/ft/°F
Coefficient of linear expansion	1.1"/10°F

ASTM F876: Hydrostatic Design Stresses and Pressure Ratings for SDR 9 PEX Tubing for Water at Different Temperatures

Rated Temperature °F	Hydrostatic Design Stress (psi)	Pressure Rating for Water (psi)
73	630	160
180	400	100
200	315	80

Dimensions

Dimensions	I.D.	O.D.	Wall Thickness	Coil/Pack weight
1/2"	0.485"	0.625"	0.070"	5.42 – 52.96 lbs
3/4"	0.681"	0.875"	0.097"	10.25 – 100.22 lbs
1"	0.875"	1.125"	0.125"	17.17 – 170.96 lbs
1 1/4"	1.069"	1.375"	0.153"	24.8 – 284 lbs
1 1/2"	1.263"	1.625"	0.181"	34.3 – 343 lbs
2"	1.653"	2.125"	0.236"	58.5 – 585 lbs

*Straight length of 10' and 20' are available.

Applications

- Cooling systems
- Hot and cold water distributions
- Industrial facilities
- Ice and snow melting systems
- Surface heating/cooling (floor, wall and ceiling)



Standards

- ASTM F876
- ASTM F877
- ASTM F1960
- ASTM F2657
- NSF/ANSI 14
- NSF/ANSI 61
- CSA B137.5

Listings

- NSF 14
- NSF 61
- cNSFus_pw
- ICC-ES



TDSXA01-EN-V08-2026-01 USA

PIPEX®
THINK FLEXIBLE

Auray Managing, S.L.U. · C. Mercaders 4 · P.I. Riera de Caldes · 08184 · Palau-solità i Plegamans · Barcelona, Spain · Tel. +34 937 481 036
www.pipex.es

PIPEX®
Systems Us, Corp.

251 Little Falls Drive, Wilmington (New Castle), DE 19808, United States.

info@pipexsystems.us www.pipexsystems.us