

# PEX & PB Pipe

**Boston  
Matthews**



The advantageous characteristics of PEX (Crosslinked Polyethylene), PB (Polybutylene), and PE-RT Pipe over traditional copper pipe has led to an ever-increasing wide demand. Typical uses for PEX, PB and PE-RT Pipe include:

- Residential and Commercial Cold and Hot Water
- Distribution Systems
- Low Temperature Heat Transfer Applications
- Radiant Floor Heating
- Snow Melting
- Ice Rinks
- High Temperature Distribution Piping
- Convector
- Radiators

inner  
layer

adhesive  
layer

### Meeting the Demands for PEX, PB and PE-RT Pipe Production

As the world demand for PEX, PB PE-RT Pipe continues to increase, so too does the pressure upon manufactures to produce cost-effective, a high-quality product. It is therefore more important today that the extrusion equipment used must be of the highest specification and standard.

barrier  
layer

### Advanced Extrusion Technology

Boston Matthews has over 50 years extrusion line, screw design and polymer processing experience. It is this extensive knowledge and experience together with the latest 3D Computer Design Software and Polymer Flow Simulation Software that has enabled Boston Matthews to develop a complete range of extrusion lines.

adhesive  
layer



outer  
layer



### Understanding PEX & PE-RT Pipe Production:

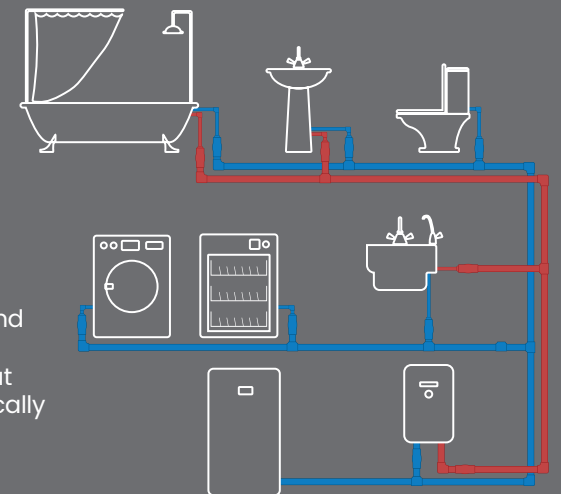
Boston Matthews is one of the leading manufacturers of complete extrusion lines for the production of PEX, PB and PE-RT Pipe.

We understand the polymers, pipe structures and post extrusion requirements. Regardless of required pipe configuration or curing method, Boston Matthews extrusion lines ensure the highest quality PEX, PB and PE-RT Pipe is produced at all times.

### Latest Technology:

Boston Matthews PEX, PB and PE-RT Pipe Extrusion Lines have been designed to incorporate the latest technologies. AC, Servo and PLC technology is found throughout every element of the line for complete control, consistency and accuracy, to produce pipe that is:

- Concentric and Uniform in Wall Thickness
- Produced with Limited Shearing and Shrinkage Effect on the Pipe
- Produced at an Acceptable Output
- Produced Efficiency and Economically
- Pipes have Complete Quality Traceability





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## Working with You:

From initial technical discussions through to training and installation Boston Matthews will work closely with your team.

- Line Layouts & Services Locations
- Pre-Approval Concept Drawings & Layouts
- Pre-Delivery Testing & Acceptance
- Operator Training
- On-Site Commissioning
- After market - Dedicated Spare Parts Departments, Processing Engineers, Technical Support



### Boston Matthews Turn-Key Extrusion Lines:

- Automotive
- Medical Devices & Life Sciences
- PEX & PB Pipe (HVAC)
- Cosmetic Squeeze Tube
- Rod & Plate
- Zippers
- Aerosol Dip Tube
- Flexible & Rigid Profiles
- Heat Shrink Tube
- I.C. Carriers
- Wire & Cable
- Mircoducting

### Boston Matthews Extruders & Downstream Equipment Ranges:

- Single Screw Extruders
- Jockey Extruders
- High Temperature & Fluorocarbon Extruders
- Cooling & Sizing Tank
- Caterpillar Take-Ups
- Cutters
- Saws
- Coilers
- Automatic Winders