



BUILDING & CONSTRUCTION DIVISION



BCD Calculator Version 2.0 Is Online

PPI's Building & Construction Division has announced a major update to its **Plastic Pipe Design Calculator**.

The BCD Calculator is a free software tool that simplifies the design of plastic pressure pipe and tubing systems using CPVC, HDPE, PEX, PE-RT, PP-R and PP-RCT. The changes in **Version 2.0** include an updated appearance, revised Pipe/Tubing Selection Menu, and the addition of hundreds of new sizes of HDPE, PEX, PP-R and PP-RCT pipe and tubing. Design results can be viewed, printed, or emailed.

This online tool includes five main functions which can be used to select and size the right type of pipe for various applications: Pressure/head loss; Pipe weight/volume; Thermal expansion and contraction; Hydraulic shock; and Expansion arm/loop design.

Applications include plumbing, water service, fire protection, hydronic piping, radiant heating & cooling, snow & ice melting, geothermal ground loops, district heating, and turf conditioning.

The BCD Calculator allows the user to select from multiple fluids (e.g., water, glycol). Fluid temperatures and mix ratios are chosen by the user.

Access the **Plastic Pipe Design Calculator** at <https://plasticpipe.org/building-construction/bcd-calculator.html>



www.plasticpipe.org/building-construction

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