

4715.0520 WATER DISTRIBUTION PIPE.

The following materials may be used for water distribution pipe:

- A. Cast iron with 1C and 1D fittings.
- B. Steel pipe 2A and wrought iron 2B with 2D and 2E fittings with the provision that this material may not be laid underground nor embedded in masonry construction unless all threads are coal tar enamel coated and wrapped.
- C. Steel pipe 2C(a), stainless.
- D. Brass 3A pipe or tube 3B with 3C fittings.
- E. Copper tube 3E or 3G with 3N wrought fittings or 3D fittings with provisions that it be installed to allow for expansion or contraction and that all stubs through concrete floors must be sleeved or protected by resilient material.
- F. Copper tube 3H, 194 water tube 3H(a), or stainless water tubing 3H(b) with 3N fittings except that this material may not be buried under or embedded in a concrete slab.
- G. Copper 3J, 194 water tube 3J(a), stainless steel water tubing 3J(b), copper alloy 3P, or welded brass 3Q with 3N fittings may be installed exposed or in frame partitions, or in tunnels and shafts, except that this material may not be laid underground or embedded in masonry or concrete.
- H. Copper 3L and 3C fittings.
- I. Copper 3M with fittings.
- J. Plastic tubing 6K with fittings. Installation must be in accordance with International Association of Plumbing and Mechanical Officials (IAPMO) Installation Standard 22-84.
- K. Plastic pipe 6L and corresponding fittings. Installation must be in accordance with International Association of Plumbing and Mechanical Officials (IAPMO) Installation Standards 20-98; however, this material may be air tested.
- L. Cross-linked polyethylene (PEX) tubing 6M with fittings 6N(1), 6N(2), 6N(3), 6N(4), 6N(5), or 6N(6) shall be certified by an independent third-party certifier. The water distribution system shall be installed by a factory-trained installer in accordance with the manufacturer's installation instructions. Tubing and fittings must be marked with the appropriate ASTM designations by the manufacturer.
- M. Fiberglass pipe 7A. Installation must be in accordance with the manufacturer's requirements, recommendations, and guidelines.

N. Polypropylene (PP-R) pipe 6P shall be certified by an independent third-party certifier. The water distribution system shall be installed by a factory-trained installer in accordance with the manufacturer's installation instructions.

Statutory Authority: *MS s 16B.59 to 16B.75; 326.37 to 326.45; 326B.101 to 326B.194; 326B.43 to 326B.49*

History: *9 SR 1557; 11 SR 1405; 15 SR 76; 23 SR 686; 28 SR 146; L 2007 c 140 art 4 s 61; art 6 s 15; art 13 s 4; L 2008 c 337 s 64; 33 SR 2042*

Published Electronically: *May 14, 2012*