



VALVES • ACTUATORS • HIGH PURITY, INDUSTRIAL, ENVIRONMENTAL AND COMMERCIAL PIPING • WET PROCESS SOLUTIONS

ASAHI/AMERICA, INC.

ASAHITEC™ CLIMATEC™
HYDRONIC PIPING SYSTEM

Hydronic Piping System PP-RCT Short Specification

Hydronic piping system shall be polypropylene pipe and fittings made of PP-RCT resin and certified by NSF International to 14-pw potable water. Material shall comply with NSF/ANSI 61 covering health effects requirements when tested at temperatures up to and including commercial hot water (180° F). Product shall be certified to the Universal Plumbing and Mechanical Codes UPC and UMC, and ASTM F 2389 and 2023 or CSA B137.11. Pipe shall be extruded with Fibercore™ middle layer technology to limit thermal expansion. Pipe shall be identified by green color and grey stripes and one red stripe. Fittings shall be molded only in green color; socket fusion style in sizes 1/2" – 4-1/2" and butt fusion style in sizes 6" – 24". Valves shall be either PP-RCT or PP-R body and joined to the piping system by direct fusion or flanging.

Pipe, fittings and valves shall be Asahitec™ Climatec™ available from Asahi/America, Inc. of Lawrence, Massachusetts. Full specifications and procurement information are available at www.asahi-america.com.