

Asahitec™

PP-RCT Short Specification

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 standards covering health effect 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. Where service temperature differs from installation temperature, pipe shall be extruded with Fibercore™ middle layer technology to limit thermal expansion. Pipe shall be identified by green color, with grey stripes and/or one red stripe added to denote Fibercore™ systems. Fittings shall be molded only in green color; socket fusion style in sizes 1/2" – 5" (20mm – 125mm) and butt fusion style in sizes 6" – 24" (160mm – 630mm). Valves shall be polypropylene body and joined to the piping system by direct fusion or flanging. SDR ratings may span 7.4, 9, 11 and 17, per system pressure/temperature requirements.

Pipe, fittings and valves shall be Asahitec™, Watertec™, or Climatec™ available from Asahi/America, Inc. of Lawrence, Massachusetts

