SMARTCLICK™ CONNECTION SYSTEM FOR PE-RT AND PEX TUBING

Elbows, Tees, Couplings & Adapters

SmartClick™ fittings are designed for permanent installation onto ASTM F 876 and F 877 compliant PEX tubing and ASTM F2769 compliant PE-RT tubing. They are designed and approved for use in domestic and commercial applications for both potable water distribution and Hydronic heating systems. Copper, CPVC, polybutylene (PB), composite PEX-A-PEX tubing and any type of iron pipe size (IPS) tubing or pipe must not be used!

Each transparent end connection can be rotated, to provide visual in addition to audible connection confirmation.

Approved to be utilized in underground applications and as manufactured joints without access panels for behind-the-wall installations. See Installation, Operation and Maintenance (IOM) instructions.

Available in nominal tubing sizes 1/2", 3/4" and 1".

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 200 psi at 200° F, maximum temperature*

*May exceed the maximum service temperature or pressure of the PE-RT or PEX tubing.

Saturated Steam (WSP): Not suitable for steam service

MATERIAL SPECIFICATION

<table>
<thead>
<tr>
<th>PART</th>
<th>MATERIAL</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Insert</td>
<td>Modified Polyphenylsulfone (PPSU and PSU blend)</td>
<td>Acudel 22000</td>
</tr>
<tr>
<td>2 Sight glass</td>
<td>Polycarbonate (PC)</td>
<td>Commercial grade</td>
</tr>
<tr>
<td>3 Retention wedge</td>
<td>Spring steel</td>
<td>JIS S65C</td>
</tr>
<tr>
<td>4 Clamp</td>
<td>Spring steel</td>
<td>JIS S65C</td>
</tr>
<tr>
<td>5 O-rings (2)</td>
<td>EPDM</td>
<td>Commercial grade</td>
</tr>
<tr>
<td>6 Spacer</td>
<td>Polyphenylsulfone (PPSU)</td>
<td>ASTM D6394</td>
</tr>
<tr>
<td>7 End cap</td>
<td>Polycarbonate (PC)</td>
<td>Commercial grade</td>
</tr>
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Certifications/Listings:

All SmartClick fittings are 3rd party certified (ICC-ES report PMG-1444) to the following standards and codes:


ANSI/NSF 61: Drinking water system components health effects.

ASSE 1061: Performance requirements for push-fit fittings.


City of Los Angles Plumbing Code 2017


Standards:

ANSI/ASME B1.20.1 (pipe-threaded configurations only): Pipe Threads, General Purpose (Inch)