

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

SMARTCLICK® CONNECTION SYSTEM FOR PE-RT AND PEX TUBING

SmartClick® Elbows, Tees, Couplings & MNPT 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-AL-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 both visual 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*

Saturated steam (WSP): Not suitable for steam service

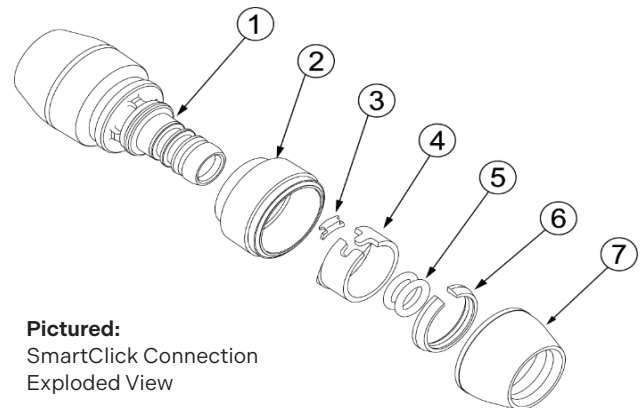
*May exceed the maximum service temperature or pressure of the PE-RT or PEX tubing.



Pictured:
Coupling

Pictured:
90°
Elbow

MATERIAL SPECIFICATION	
PART	MATERIAL
1 Insert	Modified Polyphenylsulfone (PPSU and PSU Blend)
2 Sight Glass	Polycarbonate (PC)
3 Retention Wedge	Spring Steel
4 Clamp	Spring Steel
5 O-Rings (2)	EPDM
6 Spacer	Polyphenylsulfone (PPSU)
7 End Cap	Polycarbonate (PC)



Pictured:
SmartClick Connection
Exploded View

Certifications/Listings:

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

NSF/ANSI 14: Plastic piping system components and related materials.
NSF/ANSI/CAN 61: Drinking water system components- health effects.
NSF/ANSI 372: Drinking water system components - lead content.
ASSE 1061: Performance requirements for push-fit fittings.
Uniform Plumbing Code (UPC) 2024.
International Plumbing Code (IPC) 2024.
International Residential Code (IRC) 2024.
National Plumbing Code of Canada (NPC) 2020.
California Plumbing Code (CPC) 2022, 2019.
City of Los Angeles Plumbing Code 2023.
Code of Massachusetts Regulation 248 CMR 10.00 Uniform State Plumbing Code 2023, 2021, 2017.

Standards:

ANSI/ASME B1.20.1 (pipe-threaded configurations only): pipe threads, general purpose (inch).