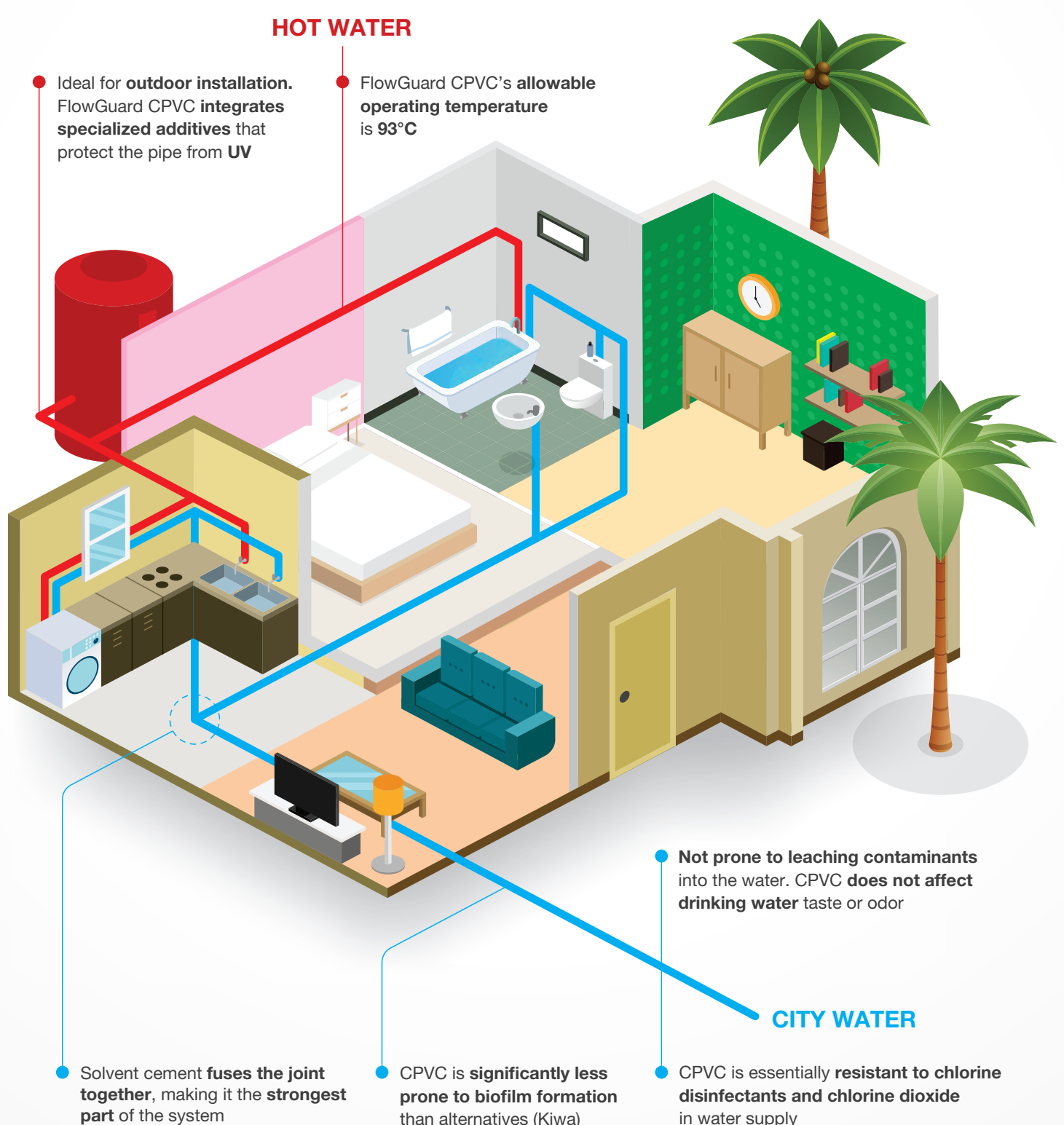


# FLOWGUARD® PIPE & FITTINGS

FlowGuard® CPVC compounds used for plumbing system piping and fittings for residential homes, apartment complexes, commercial buildings and government buildings. FlowGuard CPVC piping systems have been installed and operated worldwide **since 1959**.

The **red** and **blue** hot and cold water lines are where FlowGuard CPVC piping can be used



## FLOWGUARD CPVC ADVANTAGES



### Superior and Safer Water Quality



**Not Prone to Leaching Contaminants Into Water**  
CPVC does not affect drinking water taste or odor (Virginia Tech).



**Biofilm Resistant**  
CPVC is significantly less prone to biofilm formation than alternatives (Kiwa).



### Durable and Reliable



**Chlorine Resistant**  
Chlorine is the most common drinking water disinfectant in the world. Chlorine can cause PPR to fail. CPVC is essentially resistant to chlorine disinfectants and chlorine dioxide in water supply.



**Superior Joint Quality**  
Solvent cement fuses the joint together, making it the strongest part of the system.



**Temperature Resistant (for 50 years of operation)**  
FlowGuard CPVC's allowable operating temperature is 93°C. PPR's allowable operating temperature is 70°C. (common hot water temperature standard)



**Fire and Smoke Resistant**  
CPVC is self extinguishing and will not support combustion. FlowGuard CPVC earned the best fire resistance rating for a non-metal material.

FlowGuard CPVC is one of the rare plastic pipes that can be installed in plenums under building codes. It will not support combustion.



**CPVC installations from nearly 60 years ago are still running reliably.**



### Cost Effective



**CPVC is installed quickly**, does not require an electrical source and uses only inexpensive and readily available tools.



### Internationally Certified and Approved



**ISO 15877**, which specifies the material is approved for use in hot and cold water distribution systems.



**ASTM F656**, standard for using a primer for potable water and sewer pipe.



**NSF-61 Annex G certification**, which verifies the material leaches almost no lead into the water.

For more info, visit:

[www.flowguard.com](http://www.flowguard.com)  
[cpvc.emena@lubrizol.com](mailto:cpvc.emena@lubrizol.com)  
 Nigeria: +2347037969873  
 Other countries: +32495545262

**FLOWGUARD®**  
**PIPE & FITTINGS**