



+GF+ uponor

Specification Services and Support

Superior Solutions for Building Design and Construction

Trusted in buildings around the globe, Uponor PEX-a pipe and ProPEX® ASTM F1960 expansion fittings along with Uponor ChlorFIT® Schedule 80 Corzan® CPVC piping systems are designed and manufactured to meet rigorous industry standards to provide superior solutions for building design and construction.

Leverage our professional services to enhance project outcomes with expertly crafted specifications that meet performance, sustainability, and regulatory requirements.

Corzan® is a registered trademark of Lubrizol Advanced Materials, Inc.

Available Specifications

- + PEX Domestic Water
- + PEX Water Utility Piping
- + PEX Hydronic Piping
- + PEX Underground Hydronic Piping
- + PEX Radiant Heating and Cooling
- + PEX Snow and Ice Melting
- + PEX and Schedule 80 CPVC Hybrid Domestic Water
- + PEX and Schedule 80 CPVC Hybrid Hydronic Piping
- + Schedule 80 CPVC Domestic Water
- + Schedule 80 CPVC Hydronic Piping
- + Domestic Water Heat Exchangers

Note: For other specialty systems, including turf conditioning, permafrost prevention, cold storage, and others, email NASpecifications@uponor.com.

Resource Links



Access Uponor PEX-a and Schedule 80 CPVC specifications



Access Specification Request Form



Access Specification Resources

Specification Partners

MasterSpec®

Powered by Deltek Specpoint®

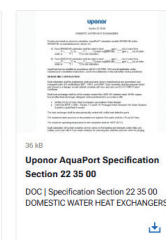
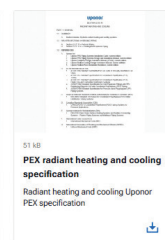
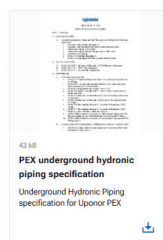
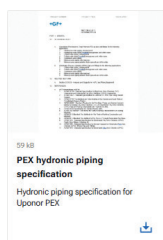


RIB | SpecLink



constructconnect®

Specification Examples on uponor.com



Engineering Resources

Temperature and Pressure Quick-Reference Details

PEX-a Piping and Fittings shall meet the following pressure and temperature ratings per ASTM F876, F877, and F1960:

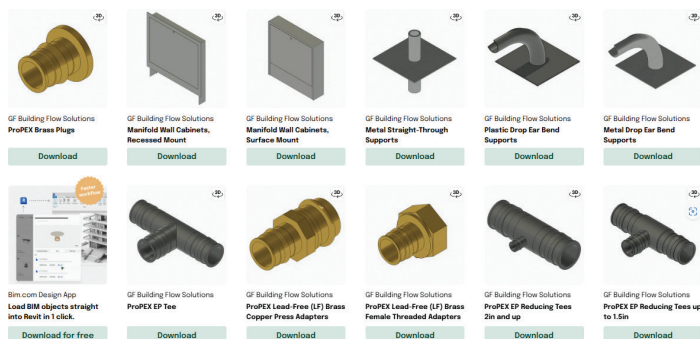
- + 200°F (93°C) at 80 psi (551 kPa)
- + 180°F (82°C) at 100 psi (689 kPa)
- + 73°F (23°C) at 160 psi (1,102 kPa)

Schedule 80 CPVC shall meet the following pressure and temperature ratings:

- + Water pressure rating of pipe and fittings 8 inch and smaller with only solvent welded joints, threaded adapters, full pressure flange kits shall be, at minimum, 250 psi at 73°F
- + Water pressure rating of pipe and fittings 8 inch and smaller with only solvent welded joints, threaded adapters, full pressure flange kits shall be, at minimum, 100 psi at 160°F
- + CPVC valves pressure rating (psi): 232 psi at 73°F
- + CPVC flanges pressure rating: 150 psi at 73°F
- + CPVC full-pressure flange kit pressure rating up to 8 inches: 250 psi at 73°F and 100 psi at 160°F

BIM/CAD Content on BIMObject.com

Search “Uponor,” “ChlorFIT,” or “GF Building Flow Solutions” to bring up content.



Design Assistance Manuals

- + Domestic Water and Hydronic Distribution
- + Radiant Heating (including Turf Conditioning and Permafrost Prevention)
- + Radiant Cooling
- + Snow and Ice Melting
- + Ecoflex® Pre-Insulated Piping
- + ChlorFIT Schedule 80 Corzan CPVC



Pipe Sizing Calculator



uponor.com/calculator

Engineering Details

Browse by Application or Item on uponor.com



BIM/CAD Content on uponor.com

- + Preloaded Revit® templates
- + Revitfamily files
- + STEP files
- + Fabrication files
- + Submittals
- + Multiple file formats available



GF Building Flow Solutions Americas

5925 148th Street West
Apple Valley, MN 55124
USA

T 800 321 4739
F 952 891 2008

+GF+ uponor