

**Summary of Changes
between the 2011a and 2007 editions of
ASTM F877, “Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems”**

Section 1.1, [snow and ice melting systems](#), was added to the scope.

Section 3.3, Definition of ~~*relation between standard dimension ration, stress, and internal pressure*~~, was deleted.

Section 4.2, ~~*basic materials description*~~, was deleted.

Section 4.2, [ASTM F2735 and F2845](#) were added as standards applicable to fitting and manifold materials.

Section 5.1, [ASTM F876](#) was added as standard applicable to tubing.

Section 6.1.2, ~~*out-of-roundness*~~, was deleted.

Table 1, ~~*Outside diameters and tolerances for PEX tubing*~~, was deleted.

Table 2, ~~*Wall thickness and tolerances for PEX-SDR 9 plastic tubing*~~, was deleted.

Section 6.2.1, [ASTM F2080, F2159, F2434, and F2735 or other recognized specification](#) were added as standards applicable to fitting dimensions and tolerances.

Section 6.2.2, [ASTM F876](#) was added as standard applicable to tubing.

Section 6.3, [corrosion resistance](#), was added.

Section 6.6, ~~*Bent tube hydrostatic sustained pressure strength*~~, was deleted.

Sections 6.6.1.1 and 6.7.2.1 with requirements for [testing manifolds with integral shut-offs](#), were added

Section 10.1.1 with requirements for [rolled, molded, hot-stamped, etched or printed markings](#), was added.

Section 10, Marking: Sections 10.2.4 to 10.2.9, 10.3 and 10.4 with ~~*various marking requirements*~~, were deleted.

Appendix X2.1, ~~*Design*~~, was deleted.

Sections X2.3.3, ~~*Repairs*~~, X2.3.5, ~~*Hot bending of tubing*~~, and X2.3.6, ~~*Cold bending of tubing*~~, under *Assembly*, were deleted.

Table X3.1 was simplified and reduced.