



**Summary of Substantive Changes
between the 2017, 2020 and the 2021 editions of
ASTM C1460 “Shielded Transition Couplings for Use with Dissimilar DWV
Pipe and Fittings Above Ground”**

Presented to the IAPMO Standards Review Committee on May 17, 2021

General: The change to this standard should not have an impact on currently listed products. The significant changes are:

- Expanded the scope to include sizes up to 15 inches instead of 10 (see Sections 1.1, and 7.2.3)

Section 1, Scope: Expanded the scope to include sizes up to 15 inches instead of 10 as follows:

1.1 This specification covers the performance of shielded transition couplings to join dissimilar DWV pipe and fittings above ground up to and including ~~10~~15-in. pipe and fittings. [This standard is intended to cover reducing couplings used to join pipes and fittings of different sizes, materials, and different outside diameters.](#)

Section 7.2, Unrestrained Hydrostatic Joint Test: Expanded the scope to include sizes up to 15 inches instead of 10 as follows:

7.2.3 *Fill the pipe assembly with water, expelling all air, and increase the hydrostatic pressure at a rate of 1 psi (6.9 kPa) every 30 s until the target test pressure is reached. The target test pressure shall be 20 psi (138 kPa) for 1-1/2 through 5-in. pipe, 18 psi (124 kPa) for 6-in. pipe, 10 psi (69 kPa) for 8-in. pipe, 6 psi (41.4 kPa) for 10-in. pipe, and 6 psi (41.4 kPa) for 12-in. (305-mm) and 15-in. (380-mm) pipe. When the target pressure is reached, it shall be held for 5 min. Any leakage or axial joint movement of more than 0.150 in. (3.8 mm) shall mean failure.*