



Summary of Substantive Changes
between the 2012 and the 2020 editions of
ASTM A1056 “Cast Iron Couplings Used for Joining Hubless Cast Iron Soil
Pipe and Fittings”

Presented to the IAPMO Standards Review Committee on May 16, 2022

General: The changes to this standard may have an impact on currently listed products. The change is:

- Revising the rubber gasket dimensional requirements to fixed coupling sizes instead of size ranges in Table 1 as follows:

TABLE 1 Dimensional Tolerances for Rubber—Standard Dimensional Tolerances RMA CLASS 3

~~NOTE 1—8.000 and over—multiplied by 0.0050. These are commercial tolerances.~~

Size in. (mm)	Fixed, ± in. (mm)	Closure, ± in. (mm)
0 to 0.499 (0 to 12.675)	0.010 (0.254)	0.015 (0.381)
0.500 to 0.999 (12.700 to 25.375)	0.010 (0.254)	0.018 (0.457)
1.000 to 1.999 (25.400 to 50.744)	0.015 (0.381)	0.020 (0.508)
2.000 to 2.999 (50.800 to 76.175)	0.020 (0.508)	0.025 (0.635)
3.000 to 3.999 (76.200 to 101.575)	0.025 (0.635)	0.030 (0.762)
4.000 to 4.999 (101.600 to 126.975)	0.030 (0.762)	0.035 (0.889)
5.000 to 7.999 (127.000 to 203.175)	0.035 (0.889)	0.050 (1.270)

TABLE 1 Dimensional Tolerances for Rubber Gaskets (Inches)

<u>Coupling</u>	<u>Size Fixed, ±</u>	<u>Closure, ±</u>
<u>1-1/2</u>	<u>0.020</u>	<u>0.050</u>
<u>2</u>	<u>0.020</u>	<u>0.050</u>
<u>3</u>	<u>0.020</u>	<u>0.050</u>
<u>4</u>	<u>0.020</u>	<u>0.050</u>
<u>5</u>	<u>0.025</u>	<u>0.055</u>
<u>6</u>	<u>0.025</u>	<u>0.055</u>
<u>8</u>	<u>0.030</u>	<u>0.063</u>
<u>10</u>	<u>0.030</u>	<u>0.063</u>