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Endot produces NSF water pipe to three different sizing standards:

- 1) ASTM D2239 –IPS (Iron Pipe Size) I.D. controlled - This sizing standard maintains a constant Inside diameter regardless of what SIDR or pressure rating the pipe carries. This type of pipe is typically joined using barbed insert fittings and external gear clamps.

Companies such as A.Y. McDonald and Ford Meter Box make external compression fittings for this pipe in the SIDR 7 sizes only. Compression fittings are typically used for municipal water service installations.

ASTM D2239 pipe is typically referred to as SIDR with SIDR's of 15, 11.5, 9 or 7 and pressure ratings of 100 PSI, 125 PSI, 160 PSI and 200 PSI respectively.

- 2) ASTM D2737 – CTS (Copper Tube Size) O.D. Controlled – This type of pipe matches the external dimensions of copper tubing and is joined using external compression fittings with insert stiffeners. Insert stiffeners are required when connecting CTS tubing with compression fittings.

CTS tubing is most often used for Water Service Lines from the street to the home. There are no insert fittings available for CTS tubing.

ASTM D2737 tubing is typically referred to as SODR 9. There is a thinner wall version SODR 11, but we know of no companies that make this thinner wall version.

- 3) ASTM D3035 – IPS (Iron Pipe Size) O.D. Controlled – This sizing standard maintains a constant OD so the pipe can be joined using heat fusion. The OD dimensions of D3035 match the OD dimensions of yellow gas pipe, therefore the same fittings used for fusing gas pipe are compatible with this standard. It is unusual to join D3035 pipe with mechanical fittings.

ASTM D3035 pipe is typically referred to as DR with DR's of 17, 15.5, 13.5, 11, 9.3 and 9.

When requesting a quotation for pipe be sure that you know which standard you need or want.