



**City of Houston  
Building Inspection  
CODE WORD 2006**

INTERPRETATIONS AND APPLICATIONS OF  
THE HOUSTON ADOPTED CODES  
2006 IBC, 2006 IRC, 2014 NEC, 2006 UMC, 2006 UPC,  
2009 IECC and ASHRAE 90.1-2007

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<b>PUBLICATION:</b>	<b>February 10, 2015</b>				
<b>SUBJECT:</b>	<b>Sanitary Drainage (Materials)</b>				
<b>CODE(S):</b>	<b>Plumbing</b>				
<b>SECTION(S)</b>	<b>Chapter 7, Section 701.1 and 715.1</b>				

This Code Interpretation is to clarify that the use of SDR-26 building sanitary drainage pipe is an acceptable equivalent material to the code specified SDR-35 sanitary drainage pipe identified in Sections 701.1 and 715.1 of the Houston Adopted Plumbing Code for plastic drainage pipe sizes 8-inch and larger.

The material specifications identify that the outside diameter remains the same for both materials at nominal 15.300-inch. The nominal inside diameter of the pipe is reduced slightly from 7.920-inch for 8-inch SDR-35, to 7.754-inch for the same size SDR-26 pipe.

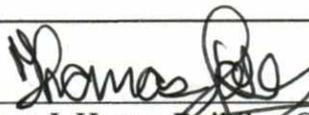
Additional differences noted include the color of the material as well as the requirement for use of fittings specifically designed for SDR 26 pipe. SDR-35 and SDR-26 pipe and fittings are not interchangeable. Both SDR-35 and SDR-26 material and fittings are color coordinated for proper application, installation and inspection. In areas subject to truck and automobile traffic, the SDR-26 material is slightly thicker providing a beneficial increase in strength.

Although the proposed SDR 26 material is not specifically identified in Section 701.1 and 715.1 of the Houston Adopted UPC (2006), where SDR-35 is specified for pipe sizes 8-inch or larger, there is no significant difference in the raw material used, the installation, or the required test standards associated with manufacture of the two products.

SDR 26 provides an increase in strength while the material and method is, for the purpose intended, equivalent to the minimum prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

The use of SDR-26 for pipe sizes 8-inches and larger is approved where compliance with the manufacturer's installation instructions is strictly followed.

Approved:

  
Thomas J. Hosey, Building Official