



Charles County Department of Planning and Growth Management

NOTICE

NOTICE #: 22-05 **NOTICE RELEASE DATE:** 12/27/2022 **CONTACT:** Andy Balchin, P.E.: 240-435-5720
balchina@CharlesCountyMD.gov

POLYETHYLENE FLEXIBLE PIPE FOR RESIDENTIAL FIRE SERVICE CONNECTION APPLICATION

The purpose of this notice is to allow the use of Polyethylene Flexible Pipe (PEFP) for residential fire service connection application effective January 3, 2023. Section 02553.02.C.2.a of Charles County Standard Specifications for Construction Manual specify 1" to 2" Copper tubing Type K to be used for the water house connection (WHC) and fire service line. PEFP for residential WHC shall be used with the following conditions:

- Copper tubing Type K shall be continued for a minimum of 5' from the meter/curb stop to the property for domestic water and fire service. The transition from this point onward shall be PEFP.
- To resist corrosion, fitting and couplings at the transition copper to PEFP must be non-ferrous metal or their alloys.
- To provide a leak tight seal at the transition, flare fittings shall be used at the Copper side of the pipe.
- Since polyethylene pipe is not traceable, a tracer wire with access to both ends shall be installed along the line.
- The pipe bedding shall be in accordance with manufacturer recommended design.

Please contact Andy Balchin, P.E., Chief of Infrastructure Management, at 240-435-5720 or balchina@charlescountymd.gov for any questions or clarifications regarding this determination.

These changes will be effective on the release date of this notice. Those citizens with special needs, please contact the Charles County Department of Planning and Growth Management, voice phone number (301)645-0540 or Maryland Relay Service TDD 1-800-735-2258.