LISTING REPORT

Number: UEL-5002

Originally Issued: 07/16/2015 **Revised: 07/30/2025** **Valid Through: 07/31/2026**

LUBRIZOL ADVANCED MATERIALS, INC.
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FLOWGUARD GOLD® OR CORZAN® CPVC COMPOUNDS EXCLUSIVELY LICENSED TO MANUFACTURERS

CSI Division: 23 00 00 HVAC

1.0 SCOPE OF LISTING

1.1 Compliance to the following Standards:

- ASTM E84-13a, Standard Test Method for Surface Burning Characteristics of Building Materials

1.2 Properties assessed:

- Surface Burning Characteristics

2.0 FINDINGS

2.1 Surface Burning Characteristics:

2.1.1 Modified ASTM 84 Test. For this test, the Lubrizol material was formed into pipe and fittings, with the tunnel outfitted for one pipe. The specimens recognized in Sections 2.1.2, 2.1.3, and 2.1.4 of this report are not conductive to the 20-inch x 24 feet long full coverage specified by ASTM E84 and only provide a certain percent coverage of the total area of the surface exposed to the flame. The tested specimens are representative of the installed product. Test results are from laboratories in compliance with ISO/IEC 17025.

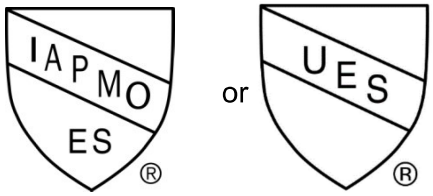
2.1.2 The FlowGuard Gold® CPVC Compound in SDR 11 Sizes ½ to 2 inch: The FlowGuard Gold® CPVC compound, when formed into pipe and fittings with wall thickness in accordance with SDR 11 as defined in ASTM D2846 and tested as a single row of pipe in a modified ASTM E84, both dry and water-filled test specimens exhibited a flame-spread index of less than 25 and a smoke developed index less than 50.

2.1.3 The Corzan® CPVC Compound Sizes in Schedule 80 Sizes ½ to 6 inch: The Corzan® CPVC compound, when formed into pipe and fittings with wall thickness in accordance with Schedule 80 as defined in ASTM F441 and ASTM F439 and tested as a single row of pipe in accordance with modified ASTM E84, water-filled test specimens exhibited a flame-spread index of less than 25 and a smoke developed index less than 50.

2.1.4 The Corzan® CPVC Compound Sizes in Schedule 80 Sizes ½ to 2 inch: The Corzan® CPVC compound, when formed into pipe and fittings with wall thickness in accordance with Schedule 80 as defined in ASTM F441 and ASTM F439 and tested as a single row of pipe in accordance with modified ASTM E84, dry test specimens exhibited a flame-spread index of less than 25 and a smoke developed index less than 50.

3.0 IDENTIFICATION

The FlowGuard Gold® and Corzan® CPVC Pipe and Fittings products are identified with a label on the carton or box identifying the company name (Lubrizol Advanced Materials, Inc.), the model number, the name of the inspection agency (IAPMO), and the Uniform Evaluation Listing Number (UEL-5002). Either of the IAPMO UES Marks of Conformity below may also be used.



IAPMO UES UEL-5002

For additional information about this listing report please visit www.uniform-es.org or email at info@uniform-es.org

The product described in this Uniform Evaluation Service (UES) Listing Report has been evaluated as an alternative material, design or method of construction in order to satisfy and comply with the intent of the provision of the code, as noted in this listing report, and for at least equivalence to that prescribed in the code in quality, strength, effectiveness, fire resistance, durability and safety, as applicable, in accordance with IBC Section 104.11. This document shall only be reproduced in its entirety.

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