



Bulletin No. 2026032

DATE: October 27, 2026
TO: Authorized ANSUL® Restaurant System Distributors and OEMs
FROM: Product Management – Restaurant Systems
SUBJECT: Approval of press-fitting distribution piping configurations for ANSUL® R-102 Restaurant Fire Suppression System – certified to EN17446 according to Design and Installation Manual pn A163822TDV

Notice: It is the responsibility of your company to verify that this information has been received by the employees who currently hold certification credentials for design and/or service of the system(s) referenced within this bulletin .

At ANSUL, we are committed to supporting our distributor and installer partners with solutions that are safe, reliable, and compliant with applicable standards.

We are pleased to share that we have completed testing and technical validation of a range of approved press-fitting distribution piping configurations for the ANSUL R-102 system to EN17446 standard. These efforts were undertaken to ensure alignment with EN 17446 requirements, while continuing to maintain the performance, reliability, and installation flexibility you expect from ANSUL systems.

This bulletin provides the resulting guidance and confirms the approved piping materials and installation considerations.

The piping requirements outlined in this bulletin have been established to:

- Fully comply with the intent and technical requirements of EN 17446
- Support harmonized European installation practices
- Enable faster, cleaner, and more efficient installations through the approved use of press-fit piping
- Reduce installation time on site while maintaining consistent, repeatable joint quality
- Ensure predictable system performance during normal operation and fire events
- Protect continued system listing, certification, and acceptance by authorities having jurisdiction

DISTRIBUTION PIPING REQUIREMENTS

All distribution piping must use either of the following:

- 3/8 in. Schedule 40 black iron, chrome-plated, or stainless steel. Note: Do not use hot dipped galvanized pipe.
- Press-fitting and tube that conforms to the specifications established in the following table.

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Specification	Requirement
Design standard	prEN 10352:2010 or EN 1254-7 or VdS 2100-26
Maximum working pressure	16 bar or greater
Minimum temperature range	0°C to 100°C
Material	Stainless steel
O ring material	CIIR, EPDM, or FKM
Tube dimension	15 mm OD x 1 mm wall thickness

Note 1: Threaded to Press-fit transition fittings must be used for agent tank and nozzle connections.

Note 2: Press-fit pipe and fittings can be installed under the hood provided that the maximum ambient cooking temperature does not exceed the manufacture specific ratings. The pipe and fittings shall not be subjected to direct flame impingement during normal cooking operations.

Note 3: In the event of a fire, all press fit piping within the hood shall be replaced due to potential o-ring damage sustained at high temperatures.

Note 4: A datasheet of the selected press-fittings shall be readily available to provide to external parties, if requested.

ACTION REQUIRED

To promote compliance and maintain system integrity, distributors and installers shall:

- Review current and future designs for alignment with this bulletin
- Ensure materials and fittings meet all listed specifications
- Update installation and service practices accordingly

Thank you for your continued support. Should you have any questions pertaining to this bulletin, please contact your International Area Manager, or contact Technical Services at techservices-preengineered@jci.com