



BLAZEMASTER CPVC Fire Sprinkler Pipe & Fittings Submittal Sheet

General Description

TYCO CPVC Pipe and Fittings produced by Johnson Controls are designed exclusively for use in wet pipe automatic fire sprinkler systems. The TYCO CPVC Pipe and Fittings are produced from BLAZEMASTER CPVC compound that is a specially developed thermoplastic compound composed of post chlorinated polyvinyl chloride (CPVC) resin and state of the art additives. TYCO CPVC Pipe and Fittings are easier to install than traditional steel pipe systems, and at the same time, provide superior heat resistance and strength as compared to traditional CPVC and PVC piping materials used in the plumbing trade. Various adapters are available to connect CPVC pipe to metallic piping. All female pipe thread adapters have brass inserts for durability. Grooved adapters connect directly to grooved end valves and metallic pipe, with flexible grooved end couplings.

NOTICE

The CPVC Pipe and Fittings produced with BLAZEMASTER CPVC compound described herein must be installed and maintained in compliance with this document and with the applicable standards of the NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), in addition to the standards of any authorities having jurisdiction. Failure to do so may impair the performance of these devices.

The owner is responsible for maintaining their fire protection system and devices in proper operating condition. Contact the installing contractor or product manufacturer with any questions.

Technical Data

Sizes

3/4 Inch to 3 Inch

Maximum Working Pressure

175 psi

Approvals

UL and C-UL Listed
FM Approved
LPCB Approved
NSF Certified
MEA Approved

(Refer to Installation Handbook IH-1900 dated April 2016 for exact listing/approval information.)

Manufacture Source

U.S.A.

Material

Pipe:
ASTM F442, SDR 13.5

Fittings:
ASTM F438 (Sch. 40)
ASTM F439 (Sch. 80)
ASTM F1970

Color

Orange



Installation

TYCO CPVC Pipe and Fittings are to be installed in accordance with Installation Handbook IH-1900.

IMPORTANT

Refer to Technical Data Sheet TFP2300 for warnings pertaining to regulatory and health information.

Care and Maintenance

TYCO CPVC Pipe and Fittings are to be maintained and serviced in accordance with this section.

Before closing a fire protection system control valve for inspection or maintenance work on the fire protection system that it controls, permission to shut down the affected fire protection system must first be obtained from the proper authorities and all personnel who may be affected by this action must be notified.

After placing a fire protection system in service, notify the proper authorities and advise those responsible for monitoring proprietary and/or central station alarms.

The owner is responsible for the inspection, testing, and maintenance of their fire protection system and devices in compliance with this document, as well as with the applicable standards of the NATIONAL FIRE PROTECTION ASSOCIATION (e.g., NFPA 25), in addition to the standards of any authority having jurisdiction. Contact the installing contractor or product manufacturer with any questions.

Automatic sprinkler systems should be inspected, tested, and maintained by a qualified Inspection Service in accordance with local requirements and/or national codes.