CPVC for water mist: lighter, simpler, faster



Stainless steel is no longer the only option for low-pressure water mist applications. With FM Approval up to 17.2 bar, Viking BlazeMaster CPVC, a specialized plastic pipe system traditionally used for fire sprinkler installations, combines corrosion resistance, simplified installation, and reduced installation costs.

This expanded approval now allows the use of CPVC in water mist systems.

Key advantages:

- **Corrosion resistance:** No risk of rust or internal corrosion
- **Faster installation:** Easy cutting and solvent cement joining help reduce installation time
- **Lightweight:** Easier to transport and install than metal piping systems, helping smaller teams work more efficiently and manage multiple projects simultaneously.
- **Lower installation cost:** Reduced material and installation costs compared to stainless-steel alternatives.
- **Higher pressure capability:** FM Approved up to 17.2 bar, expanding design flexibility beyond sprinkler systems to cover low pressure water mist.
- **Optimized pipe sizing:** The increased operating range can allow smaller pipe diameters throughout the system, depending on the hydraulic design.
- **Certification:** FM approved for use up to 17.2 bar (20-40 mm)

SPECIFICATIONS

Pressure rating:	Up to 17.2 bar including pipes and fittings
Applications:	OH1, HC-1, Residential
Diameter:	20 – 40 mm
Fittings:	Many options available
C Factor:	150

FM APPROVED

For more information, please contact your local Viking sales office or refer to the technical documentation.

The contents of this publication are subject to modifications without notice.

Your Fire Protection Partner

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