

# Dyna-Flow® – M-COAT®

## High Strength Steel Pipe

- Exceptional hydraulics
- Lightweight and easy to install
- Available factory roll grooved
- M-COAT ID
- UL and cUL listed
- FM approved

### ➤ The original high-strength light wall sprinkler pipe with superior hydraulics.

Dyna-Flow® – M-COAT® is the “original” high-strength light wall sprinkler pipe. With outstanding hydraulic capabilities, Dyna-Flow – M-COAT is recognized as the most popular alternative to Schedule-10 pipe. Lightweight and easy to cut, Dyna-Flow – M-COAT is a valuable addition to any fire protection system.

With an inside diameter (ID) up to 11% larger than Schedule-40 and up to 7% larger than Schedule -10, Dyna-Flow – M-COAT pipe hydraulics are exceptional. Larger ID’s enable Dyna-Flow – M-COAT and related components to be down-sized within the system, increasing the potential for job cost savings. For complete Hazen Williams charts, refer to “Dyna-Flow – M-COAT Hydraulic Data Tables”.

Dyna-Flow – M-COAT pipe has metallurgical properties that provide excellent fabrication characteristics for end prep finishes, welding and roll grooving. There are no special processes or equipment needed for fabrication and installation.

Dyna-Flow Specifications				
NPS In; mm	Nominal I.D. In; mm	Wt. Lbs/Ft; kg/m	Wt. (H2O Filled) Lbs/Ft; kg/m	CRR Unthreaded
1” 25	1.191 30.3	0.830 1.2	1.31 1.95	2.41 –
1¼” 32	1.536 39.0	1.059 1.6	1.87 2.78	1.55 –
1½” 40	1.728 43.9	1.667 2.5	2.71 4.03	3.44 –
2” 50	2.203 56.0	2.104 3.1	3.79 5.64	2.78 –
2½” 65	2.703 68.7	2.564 3.8	5.10 7.59	1.60 –
3” 75	3.314 84.2	3.387 5.0	7.18 10.69	1.48 –
4” 100	4.310 109.5	4.473 6.7	10.86 16.16	1.00 –

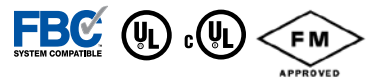
### ➤ Superior Coating

Dyna-Flow – M-COAT products are coated with an environmentally approved and specially formulated modified-acrylic or water-based coating. This durable coating is paintable and acts as an excellent primer while resisting weather and UV degradation from outdoor storage.

The internal surface of all black Allied Tube & Conduit fire sprinkler pipe products are coated with M-COAT, an advanced MIC coating that is FBC™ system compatible for hybrid sprinkle systems. FBC system compatible indicates that this product has been tested, and is monitored on an ongoing basis, for chemical compatibility with FlowGuard Gold®, BlazeMaster®, and Corzan® pipe and fittings.\*

### ➤ American Made

Able to meet “Buy American” requirements, and is available through distributors in the USA, Canada, Mexico and Latin America.



### ➤ Specifications & Approvals

Dyna-Flow – M-COAT pipe is manufactured to meet ASTM A-795 Type E, Grade A and is in compliance with NFPA-13 and NFPA-14. All sizes of Dyna-Flow – M-COAT are UL and cUL listed and FM approved.

Dyna-Flow – M-COAT is UL and cUL listed for use with roll grooved, plain-end and welded joints for wet, dry, pre-action and deluge systems. It is FM approved for roll grooved, plain end and welded joints for wet systems. Dyna-Flow – M-COAT is available “hot-dip” galvanized\*\* and has been specifically approved by FM for dry system uses. Dyna-Flow – M-COAT complies with NFPA 13 and is rated at 300 psi working pressure.

\* FBC™, FlowGuard Gold®, BlazeMaster®, and Corzan® are licensed trademarks of The Lubrizol Corporation

\*\* Must be ordered in 10 bundle increments



Customer Service (800) 882-5543 Fax: (800) 659-7730

[www.alliedtube-sprinkler.com](http://www.alliedtube-sprinkler.com)

• 16100 S Lathrop Ave.  
Harvey, IL 60426

• 11350 Norcom Rd.  
Philadelphia, PA 19154

• 2525 N 27th Ave.  
Phoenix, AZ 85009

• 600 Dean Sievers Place  
Morrisville, PA 19067

