

Schedule-10/Schedule-40 – M-COAT®

Submittal Data Sheet

➤ Fully Listed and FM Approved Sprinkler Pipe

When you specify Schedule-10/Schedule-40 – M-COAT® sprinkler pipe from Allied Tube & Conduit, you get UL listed and FM approved products. Although these products do not require separate approvals, Schedule-10/Schedule-40 – M-COAT gives you the extra quality assurance you demand. Our Sch-10 (1-1/4" – 8") pipe and Sch-40 (1" – 2-1/2") pipe have passed the same thorough lab testing as our other listed pipe products, and receive periodic mill inspections from both UL and FM agents to ensure consistent quality.

- **Galvanized Pipe** Schedule-10/Schedule-40 – M-COAT product can be "hot-dip" galvanized to meet FM requirements.
- **Superior Coating** Our advanced formula mill coating offers a clean, durable surface that is also paintready for custom color applications without special preparation.

The internal surface of all black Fire Sprinkler pipe up to 4.5000" in diameter shall be coated with Allied Tube & Conduit Antibacterial Formula "M-COAT".

- **American Made** Able to meet "Buy American" requirements, and is available through distributors in the USA, Canada, Mexico and Latin America.
- **Specifications & Approvals** Schedule-10 – M-COAT pipe is in compliance with ASTM A135, Type E Grade A, and NFPA 13. Schedule-40 – M-COAT pipe is in compliance with ASTM A135/A795, Type E Grade A, and NFPA 13.

Both pipe products have a working pressure rating of 300 psi maximum and also meet the stringent requirement for the following tests: Welded Outlets, Hydrostatic Pressure, Side Wall Rupture, Vibration Test.

Sch-40 – M-COAT Specifications				
NPS	Nominal I.D.	Wt.	Wt. (H2O Filled)	CRR
In; mm	In; mm	Lbs/Ft; kg/m	Lbs/Ft; kg/m	–
1"	1.049	1.680	2.05	1
25	26.6	2.5	3.05	–
1¼"	1.380	2.270	2.93	1
32	35.1	4.36	4.36	–
1½"	1.610	2.720	3.61	1
40	40.9	4.0	5.37	–
2"	2.067	3.650	5.13	1
50	52.5	5.4	7.63	–
2½"	2.469	5.790	7.86	1
65	62.7	8.6	11.73	–

Sch-10 – M-COAT Specifications				
NPS	Nominal I.D.	Wt.	Wt. (H2O Filled)	CRR
In; mm	In; mm	Lbs/Ft; kg/m	Lbs/Ft; kg/m	–
1¼"	1.442	1.810	2.525	7.0955
32	36.6	2.7	3.75	–
1½"	1.682	2.080	3.04	5.6570
40	42.7	3.1	4.52	–
2"	2.157	2.640	4.22	4.5827
50	54.8	3.9	6.28	–
2½"	2.635	3.530	5.89	3.5196
65	66.9	5.3	8.77	–
3"	3.260	4.330	7.94	2.5550
75	82.8	6.4	11.82	–
4"	4.260	5.610	11.78	1.6020
100	108.2	8.3	17.53	–
5"	5.295	7.77	17.33	1.4874
125	134.5	11.56	25.80	–
6"	6.357	9.290	23.03	1.0251
150	161.5	13.8	34.27	–
8"	8.249	16.490	40.15	1.8365
200	209.5	24.5	59.75	–



Project: _____ Sprinkler Contractor: _____ Date: _____

Engineer: _____ Specification Reference: _____ System Type: _____

Locations: _____ Comments: _____



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