

Dyna-Thread® – ABFII

Submittal Data Sheet

- Widely accepted substitute for Schedule 40
 - Standard hanger spacing
 - ABFII coated ID
 - UL and cUL listed
 - FM approved
- **Combining the safety and longevity of Sch-40 with quality and hydraulic advantages.**

Dyna-Thread® – ABFII pipe is the full line Schedule 40 replacement with the same CRR of Schedule 40, 1.00, providing Dyna-Thread – ABFII with the same life expectancy as Sch-40. With outstanding hydraulic capabilities, Dyna-Thread – ABFII is a more widely accepted product substitution than lightwall threadable pipe when Sch-40 is specified.

Dyna-Thread – ABFII’s inside diameter is up to 3.6% larger than Sch-40 and provides improved hydraulics. When used in combination with Dyna-Flow pipe, downsizing of pipe and related components often occurs, thereby reducing costs.

The consistent quality of steel used to make Dyna-Thread – ABFII facilitates smooth threading and lower maintenance costs. Increased strength and lighter weight allows Dyna-Thread – ABFII to reduce installation fatigue and makes it ideal for retro-fit applications.

Dyna-Thread – ABFII Specifications					
NPS	Nominal I.D.	Wt.	Wt. (H2O Filled)	CRR	CRR
In; mm	In; mm	Lbs/Ft; kg/m	Lbs/Ft; kg/m	Unthreaded	Threaded
1"	1.080	1.330	1.75	11.39	1.00
25	27.4	2.0	2.60	–	–
1¼"	1.408	1.870	2.54	9.50	1.00
32	35.8	2.8	3.78	–	–
1½"	1.639	2.290	3.22	9.14	1.00
40	41.6	3.4	4.79	–	–
2"	2.104	3.050	4.57	8.41	1.00
50	53.4	4.5	6.80	–	–



➤ **Superior Coating**

Dyna-Thread – ABFII 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 up to 4.500" in diameter is coated with our new Antibacterial Formula, "ABFII". In scientific laboratory tests, ABFII proved to have superior resistance to microbial colonization of pipe walls, thereby inhibiting or possibly preventing the onset of Microbiologically Influenced Corrosion (MIC) upon installation and the first 25 flushes of the fire sprinkler system.*

➤ **American Made**

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

➤ **Specifications & Approvals**

Dyna-Thread – ABFII pipe is manufactured to meet ASTM A-135, Type E Grade A, is in compliance with NFPA-13 and all sizes are rated at 300 psi working pressure. Dyna-Thread – ABFII is UL and cUL listed for wet, dry deluge and pre-action sprinkler systems and FM approved for use in wet systems. Dyna-Thread – ABFII can be hot dip galvanized** to meet FM requirements for use in dry systems. Dyna-Thread – ABFII is approved for all threaded couplings and welded outlets and is suitable for all roll-grooved and plain end fittings.

* See ABFII warranty

** must be ordered in 10 bundle increments



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