

XL®/BLT® – ABFII

Submittal Data Sheet

➤ Galvanized and Black Lightwall Threadable Pipe

XL/BLT – ABFII’s proven hydraulic advantage and lighter weight adds value to any system. When you need a proven sprinkler pipe, specify XL/BLT – ABFII.

➤ **Product Description** XL/BLT – ABFII pipe is exceptionally strong steel sprinkler pipe of the class generally known as “lightwall threadable pipe”. Its wall thickness is less than that of Sch-40 or Sch-10, but the cold forming process undergone in manufacturing gives XL/BLT – ABFII pipe mechanical strength characteristics equivalent to those required for Sch-40. It is designed for use in wet, dry, pre-action and deluge systems. XL/BLT – ABFII can be joined with threaded couplings (when in accordance with ANSI B1.20.1), roll grooved or plain-end couplings, or welded joints.

➤ **Other Benefits** The clean surface quality of XL/BLT – ABFII is readily paintable. The lighter weight of XL/BLT – ABFII is a distinct advantage for retro-fit installations and can also reduce labor costs.

➤ **Coatings & Fabrication** XL/BLT – ABFII products have metallurgical properties which provide excellent fabrication characteristics for end prep finishes, welding and roll grooving. No special processes or equipment are needed for fabrication and installation. XL is manufactured with a galvanized exterior coating and BLT is black lacquer coated. The internal surface of all black Fire Sprinkler pipe up to 4.5000” in diameter shall be coated with Allied Tube & Conduit’s Antibacterial Formula “ABF”.

➤ **Superior Hydraulics** XL/BLT – ABFII pipe offers the maximum hydraulic advantage of any available threadable sprinkler pipe. Its inside diameter is up to 5% larger than Sch-40. The use of XL/BLT – ABFII in conjunction with Dyna-Flow pipe, can dramatically improve the flow characteristics, thereby increasing the potential for “downsizing” system components.

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

➤ **Specifications & Approvals** XL/BLT – ABFII pipe is manufactured to meet ASTM A135, Type E Grade A for fire sprinkler applications up to 300 psi working pressure. It is UL listed for wet, dry, pre-action and deluge systems, and FM approved for wet sprinkler systems. XL/BLT – ABFII is ULC listed for wet, dry and pre-action systems. All threaded and welded fittings are approved in accordance with NFPA 13. FM requires 12’ maximum hanger spacing for XL/BLT – ABFII. C-Factors for XL/BLT – ABFII are 120 for wet systems, and C=100 for dry systems. Refer to Hazen-Williams charts for accurate flow comparisons.

XL/BLT – 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”	1.104	1.13	1.61	7.21	0.35
25	28.0	1.8	2.40	–	–
1¼”	1.452	1.46	2.25	4.63	0.17
32	36.9	2.3	3.35	–	–
1½”	1.687	1.76	2.84	4.83	0.18
40	42.8	2.8	4.23	–	–
2”	2.154	2.35	4.06	4.20	0.21
50	54.7	3.7	6.04	–	–
2½”*	2.581	4.08	6.34	TBD	TBD
65	65.5	6.05	9.45	–	–
3”*	3.200	5.01	8.49	TBD	TBD
75	81.2	7.43	12.7	–	–

* only available in XL



Project: _____	Sprinkler Contractor: _____	Date: _____
Engineer: _____	Specification Reference: _____	System Type: _____
Locations: _____	Comments: _____	



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