

ASTM A135 / ASTM A795 Fire Protection Sprinkler Pipe

Independence Tube, known for our quality, service and on-time delivery has raised the bar once again with our newest product ASTM A135/A795 fire protection sprinkler pipe.

Produced in our Trinity, Alabama Division, in sizes 2" NPS through 8"NPS schedule 10, Independence Tube's fire protection sprinkler pipe is manufactured to meet the stringent quality standards of which Independence Tube has been providing for the last 40+ years.

All Independence Tube ASTM A135 and ASTM A795 fire protection sprinkler pipe has a black coating to ensure a clean, corrosion resistant surface. In addition, all A135/A795 fire protection sprinkler pipe is coated with ITC MIC Guard. ITC MIC Guard is a specialty water-based waxy emulsion corrosion inhibitor and biostatic MIC Preventative for steel alone or in the presence of CPVC. ITC MIC Guard does not contain any raw materials or ingredients known to harm CPVC tubing and connections as proven through extensive laboratory testing. ITC MIC is also FM and NSF Approved.

All Independence Tube A135/A795 fire protection sprinkler pipe is:

- UL Listed (US and Canada)
2" NPS – 8" NPS
- FM Approved 2" NPS – 4" NPS
- NDT weld tested
- ASTM A135 and A795 certified
- Custom lengths available
- Stock lengths available for immediate shipment
- Plain end or roll grooved
- Black or bare coating
- Complies with NFPA 13 and 14

	ASTM A135 2"–8" NPS Schedule 10		ASTM A795 2"–8" NPS Schedule 10 & 40	
	Tensile	Yield	Tensile	Yield
Strength Requirements	48,000	30,000	N/A	N/A
Elongation	Calculated—See Tensile Test Requirements		N/A	
Permissible Variations in Wall Thickness	The minimum wall thickness at any point shall not vary by more than 12.5% under the nominal wall thickness.		The minimum wall thickness at any point shall not vary by more than 12.5% under the nominal wall thickness.	
Weight (mass)	The weight (mass) of pipe furnished to Schedule 10 shall not vary more than ±10% from that calculated using the weight (mass) per unit length		N/A	
OD Tolerance	Outside diameter at any point shall not vary more from standard specified more than (for 2" NPS and larger) ±1%		Outside diameter at any point shall not vary more from standard specified more than (for 2" NPS and larger) ±1%	
Wall Tolerance	No more than 12.5% under		No more than 12.5% under	
Straightness	"Reasonably" straight		"Reasonably" straight	
Lengths	21' and 25'		21' and 25'	
NDT and Hydrostatic Testing	Required unless using NDT as alternative, See Hydro Test Chart for values for 2" through 5" NPS sch 10 hydro is required NDT cannot be substituted.		Required unless using NDT as alternative, See Hydro Test Chart for values for 2" through 5" NPS sch 10 hydro is required NDT cannot be substituted.	
General Requirements	End finish may be plain end square cut or roll grooved.		End finish may be plain end square cut or roll grooved.	

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December 2016

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SCHEDULE 10 SPECIFICATIONS

NPS	Nom OD	Nom ID	Nom Wall	Nom Weight	PCS/BDL	21' Lift Weight	25' Lift Weight
2"	2.375"	2.157"	0.109"	2.64	37	2,051	2,442
2½"	2.875"	2.635"	0.120"	3.53	30	2,224	2,648
3"	3.500"	3.260"	0.120"	4.34	19	1,732	2,062
4"	4.500"	4.260"	0.120"	5.62	19	2,242	2,670
6"	6.625"	6.357"	0.134"	9.30	10	1,953	2,325
8"	8.625"	8.249"	0.188"	16.96	7	2,493	2,968

SCHEDULE 40 SPECIFICATIONS

NPS	Nom OD	Nom ID	Nom Wall	Nom Weight	PCS/BDL	21' Lift Weight	25' Lift Weight
2"	2.375"	2.067"	0.154"	3.65	24	1,840	2,584
2½"	2.875"	2.469"	0.203"	5.57	19	2,310	2,750
3"	3.500"	3.068"	0.216"	7.34	13	2,069	2,464
3½"	4.000"	3.526"	0.237"	9.11	10	1,913	2,278
4"	4.500"	4.026"	0.237"	10.78	10	2,266	2,698
6"	6.625"	6.065"	0.280"	18.99	7	2,792	3,323
8"	8.625"	7.981"	0.322"	28.58	5	3,001	3,573

Trinity Alabama A135/A795 Rolling Schedule

NPS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2"		T		T		T		T		T		T
2½"		T		T		T		T		T		T
3"	T		T		T		T		T		T	
3½"	T		T		T		T		T		T	
4"	T		T		T		T		T		T	
6"		T		T		T		T		T		T
8"	T		T		T		T		T		T	

Independence Tube Corporation hereby certifies to the purchaser of ASTM A135/ASTM A795 fire protection sprinkler pipe manufactured in Independence Tube Trinity, Alabama has been treated with ITC MIC Guard to limit corrosion and will remain intact during all fabrication processes.

MIC Guard is a specialty water-based waxy emulsion corrosion inhibitor and biostatic MIC preventative for steel alone in the presence of CPVC. ITC MIC Guard does not contain any raw materials or ingredients known to harm CPVC tubing and connections as proven through extensive laboratory testing.

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January 2017