

Sprinkler Specification Review			
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	A53	A135	A795
Title	Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless	Electric_Resistance-Welded Steel Pipe	Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use
Types	Type S for Seamless Type E for ERW (Electric Resistance Weld) Type F for CBW (Continuous Butt Weld)	Type E (ERW) Only	Types S, E and F
Grades	Grades A and B	Grades A and B	Grades A and B for Type E and S; Grade A for Type F
Yield (Grade A)	30,000 psi	30,000 psi	
Tensile (Grade A)	48,000 psi	48,000 psi	
Yield (Grade B)	35,000 psi	35,000 psi	
Tensile (Grade B)	60,000 psi	60,000 psi	
Weight Tolerance	+/- 10%	- 3 1/2%,+10%; except for Sch 10; Sch 10 is +/-10%	+/- 5%
OD Tolerance	1/8" to 1 1/2" is +/- 0.016" 2" and up is +/- 1%	All Sizes +/- 1%	1/8" to 1 1/2" is +/- 0.016" 2" and up is +/- 1%
Wall Tolerance	- 12 1/2% at any one point	- 12 1/2% at any one point	- 12 1/2% at any one point
Hydrostatic Test	Required for all except Seamless	NDE in lieu of Hydro allowed	NDE in lieu of Hydro allowed