Southwest Fireproofing Type 5 GP, Type 5 MD, Type 7 GP & Type 7 HD

Design No. X771 - Pipe Columns

Standard Weight Pipe

Size			Thickness, in. , Required for Size and Rating Indicated				
Nom. Diameter, in.	Wall Thickness	A/P	1 Hour	1.5 Hour	2 Hour	3 Hour	4 Hour
2.50	0.203	0.19	15/16	1 9/16	2 1/8	3 5/16	NR
3	0.216	0.2	7/8	1 7/16	2 1/16	3 3/16	NR
3.50	0.226	0.21	7/8	1 3/8	1 15/16	3	NR
4	0.237	0.22	13/16	1 5/16	1 7/8	2 7/8	NR
5	0.258	0.24	3/4	1 1/4	1 11/16	2 5/8	3 9/16
6	0.28	0.27	11/16	1 1/16	1 1/2	2 5/16	3 3/16
8	0.322	0.31	9/16	15/16	1 5/16	2 1/16	2 3/4
10	0.365	0.35	1/2	13/16	1 3/16	1 13/16	2 7/16
12	0.375	0.36	1/2	13/16	1 1/8	1 3/4	2 3/8

NR - Not Rated

Extra Strong Pipe

Size			Thickness, in. , Required for Size and Rating Indicated				
Nom. Diameter, in.	Wall Thickness	A/P	1 Hour	1.5 Hour	2 Hour	3 Hour	4 Hour
1.50	0.2	0.17	1 1/16	1 3/4	2 3/8	3 11/16	NR
2	0.218	0.19	15/16	1 9/16	2 1/8	3 5/16	NR
2.50	0.276	0.25	12/16	1 3/16	1 5/8	2 1/2	3 7/16
3	0.3	0.27	11/16	1 1/16	1 1/2	2 5/16	3 3/16
3.50	0.318	0.29	5/8	1	1 3/8	2 3/16	2 15/16
4	0.337	0.31	9/16	15/16	1 5/16	2 1/16	2 3/4
5	0.375	0.35	8/16	13/16	1 3/16	1 13/16	2 7/16
6	0.432	0.4	7/16	3/4	1	1 9/16	2 1/8
6	0.864	0.74	1/4	1/2	9/16	7/8	1 3/16
8	0.5	0.47	3/8	5/8	7/8	1 3/8	1 13/16
10	0.5	0.48	3/8	5/8	7/8	1 5/16	1 13/16
12	0.5	0.48	3/8	5/8	7/8	1 5/16	1 13/16

NR - Not Rated

Double Extra Strong Pipe

Size			Thickness, in. , Required for Size and Rating Indicated				
Nom. Diameter, in.	Wall Thickness	A/P	1 Hour	1.5 Hour	2 Hour	3 Hour	4 Hour
2	0.436	0.34	1/2	7/8	1 3/16	1 7/8	2 1/2
2.50	0.552	0.43	7/16	11/16	15/16	1 1/2	2
3	0.6	0.48	3/8	2/4	7/8	1 5/16	1 13/16
4	0.674	0.56	5/16	1/2	3/4	1 1/8	1 9/16
5	0.75	0.64	5/16	7/16	5/8	1	1 5/16
6	0.864	0.74	1/4	3/8	9/16	7/8	1 3/16
8	0.875	0.78	1/4	3/8	1/2	13/16	1 1/8

These column protection thicknesses have been calculated for the convenience of users, in accordance with the proprietary equation in UL Design No. X771, as detailed in the UL Fire Resistance Directory - Volume 1, 2010. While we have taken care to be as accurate as possible, we will not be held responsible for errors or omissions. If any discrepancy is found between this table and the UL Design information, the UL Design information governs.