

COMPARISON OF TRANSMISSION FROM VARIOUS TUBES.

Description.	Thickness. Inches.	Ext. Surface Sq. Ft.	Contents, lbs. water.	Loss in B. T. U.'s per sq. ft. per hour.	Temperatures Fahrenheit.
B. 2" Welded Steam Pipe—Black	0.154	2.20	5.00	124.0	From 142 " 32 in still air at temp. 7° to 10° F.
B. 2" "	"	"	"	112.6	" 126 " 32 " " " " 7° to 10° F.
B. 2" "	"	"	"	217.3	" 126 " 32 " wind 8" to 12" per sec. 5° to 7° F.
B. 2" "	"	"	"	309	" 126 " 32 " still water temp. 32°.
B. 2" "	"	"	"	269	" 116 " 32 " " " " 32°.
B. 2" "	"	"	"	849	" 116 " 32 " current of 1½" per sec. temp. 32°.
E. 2" Lap Welded Boiler Tube	0.095	1.784	3.805	136.7	" 142 " 32 " still air temp. 7° to 10°.
E. 2" "	"	"	"	385	" 142 " 32 " still water temp. 32°.
E. 2" "	"	"	"	1005	" 142 " 32 " current of 1½" per sec. temp. 32°.
E. 2" "	"	"	"	115.0	" 142 " 32 " still air temp. 8° to 10° F.
A. 1" Welded Steam Pipe—Black	0.134	1.463	1.58	297	" 142 " 32 " " water temp. 32°.
A. 1" "	"	"	"	982	" 142 " 32 " current of 1½" per sec. temp. 32°.
A. 1" "	"	"	"	950	" 142 " 32 " " " " " " 32°.
G. 1" "	"	"	"	129.0	" 142 " 32 " still air " " " " 7° to 10°.
C. 2" Gal. Iron Pipe	0.016	1.54	4.00	451	" 142 " 32 " still water temp. 32°.
C. 2" "	"	"	"	1008	" 142 " 32 " current of 1½" per sec. temp. 32°.
C. 2" "	"	"	"	470	" 142 " 32 " still water temp. 32°.
D. 2" Tinned Iron Pipe	0.018	"	"	1224	" 142 " 32 " current of 1½" per sec. temp. 32°.