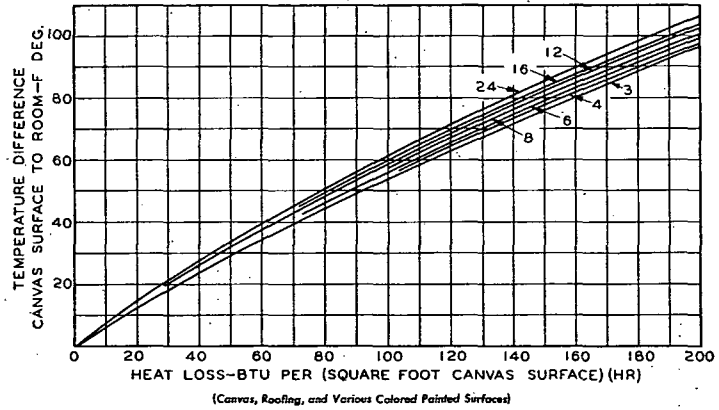
Table 6 . . . . Heat Insulation Factors for Various Insulations

(To be Applied to Figs. 1, 2, 3, and 4)

Form	Type of Pipe Insulation	Temperature Difference, Pipe to Air, F Deg							
		40	70	100	200	300	500	700	900
PIPE INSULATION	ASBESTOS								
	Molded Amosite and Binder			0.978	0.966	0.955	0.931		
	Laminated Asbestos Paper (35-40/in.)			1.152	1.131	1.110	1.067		
	Corrugated and Laminated (4 ply/in.)		1.595	1.599	1.614	1.628			
	Asbestos Paper (6 ply/in.)		1.442	1.442	1.443	1.444			
	(8 ply/in.)		1.394	1.387	1.375	1.363			
	CALCIUM SILICATE			1.041	1.018	0.996	0.950		
	CELLULAR GLASS			1.195	1.190	1.185	1.175		
	CORK (No added binder)	0.879	0.869	0.859					
	DIATOMACEOUS SILICA 22 lb						1.136	1.052	0.968
	DIATOMACEOUS SILICA 25 lb						1.296	1.206	1.115
	85% MAGNESIA	1.131	1.119	1.107	1.068	1.027	0.946		
	MINERAL WOOL (Rock, Slag, or Glass)								
	Low Temp. (Asphalt or Resin Bonded)	0.960	0.961	0.963					
	Low Temp. (Fine Fiber Res. Bond)	0.740	0.733	0.727					
	High Temp. (Metal Reinforced)			0.879	0.893	0.907	0.935		
	PLASTICS (Foamed)	0.909	0.914	0.918					
	RUBBER (Foamed)	0.765	0.762	0.759					
	WOOL FELT	0.994	0.997	1.000					
	HAIR FELT OR HAIR FELT PLUS JUTE	0.877	0.864	0.851					
BLOCKS AND BOARDS	ASBESTOS MOLDED AMOSITE			1.088	1.067	1.025	1.004	0.962	0.920
	CALCIUM SILICATE			0.988	0.974	0.960	0.932	0.904	0.876
	CORKBOARD (Natural Binder)	0.861	0.854	0.847					
	MINERAL WOOL (Low Temp.)	0.917	0.907	0.896					
	MINERAL WOOL (High Temp.)			0.880	0.901	0.923			
	MINERAL WOOL (Inorganic Binder)			1.003	0.990	0.978	0.953	0.928	
BLANKETS	MINERAL WOOL (Felt Flexible Type)	0.815	0.827	0.841	0.896	0.951			
	MINERAL WOOL (Felt Semi-Rigid Type)	0.830	0.840	0.851	0.895	0.938			
INSULATING CEMENT	85% MAGNESIA			1.275	1.224	1.173	1.070		
	MINERAL WOOL			1.370	1.344	1.317	1.264	1.317	



(Canvas, Roofing, and Various Colored Painted Surfaces)

Fig. 5 . . . . Heat Loss from Canvas-Covered Cylindrical Surfaces of Various Diameters

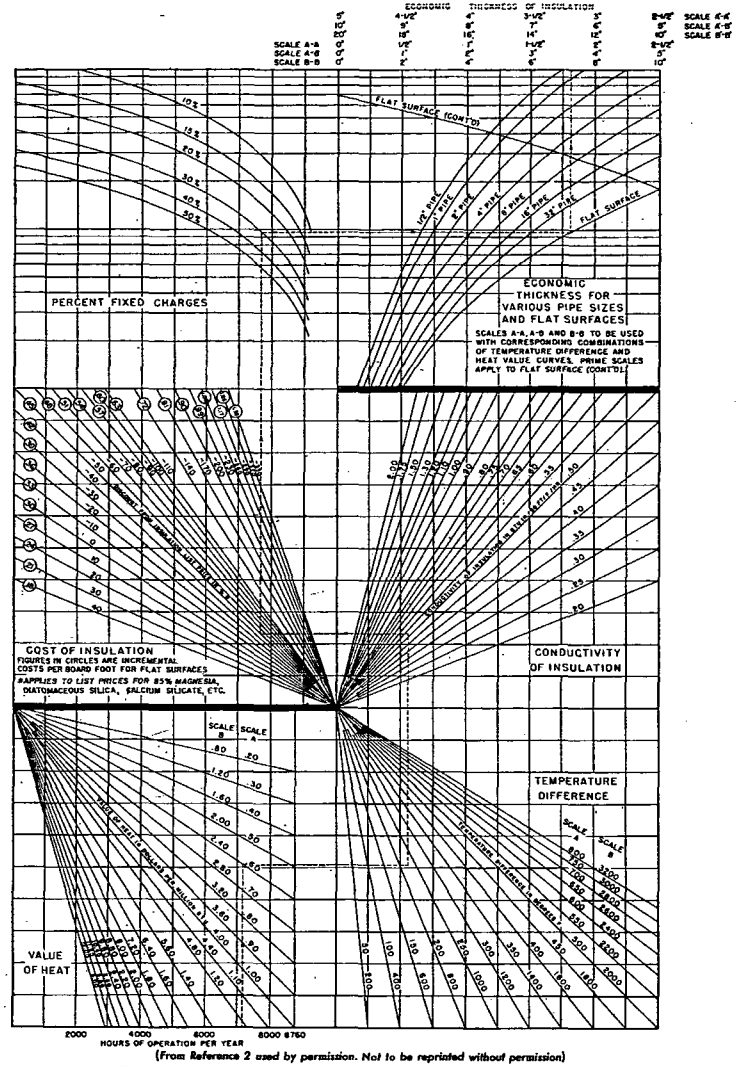


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Fig. 6 . . . . Chart for Determining Economical Thickness of Pipe Insulation