

Additional Pricing Correlations

Slides 21 – 52 are from Peters and
Timmerhaus, 3rd edition

These charts do not appear in the 4th or 5th editions, but the authors assume you will go back and access them as needed.

These charts are from January 1979 and are scaled to the present date using the Chemical Engineering Price Indices.

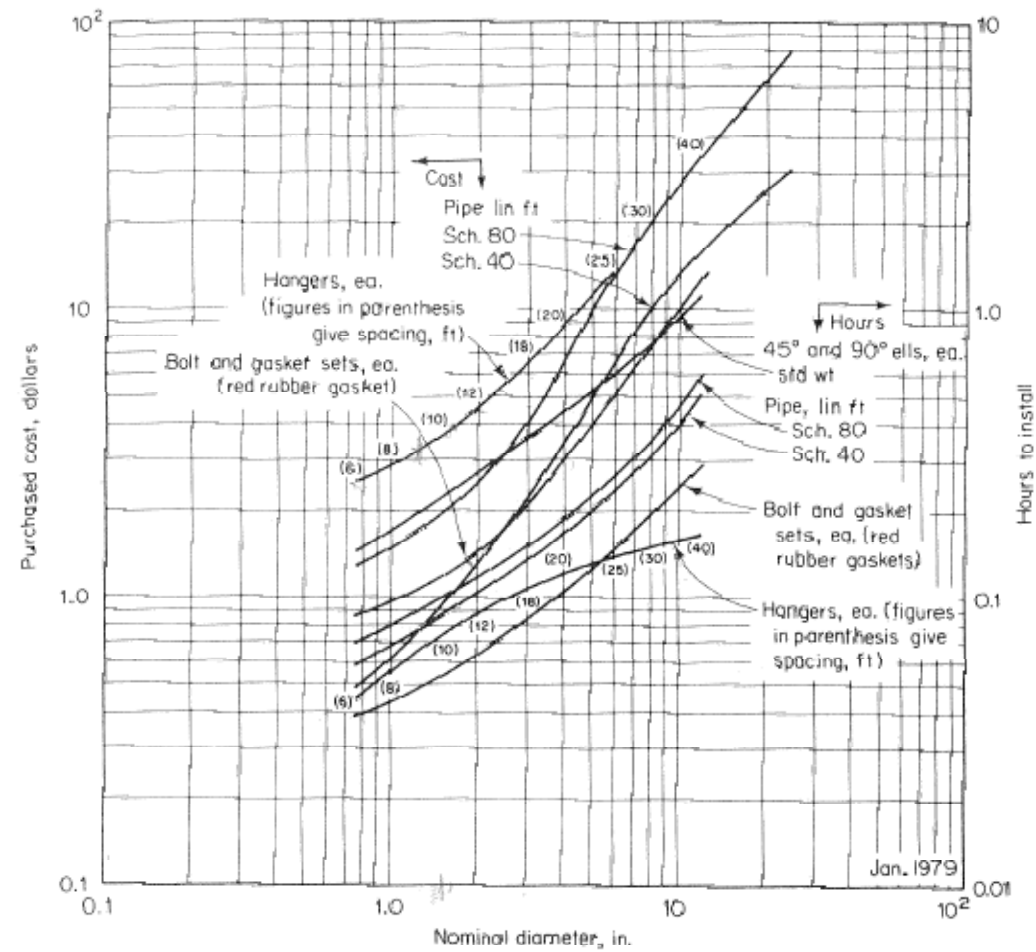


Figure 13-3 Cost and installation time for carbon-steel welded pipe and fittings.

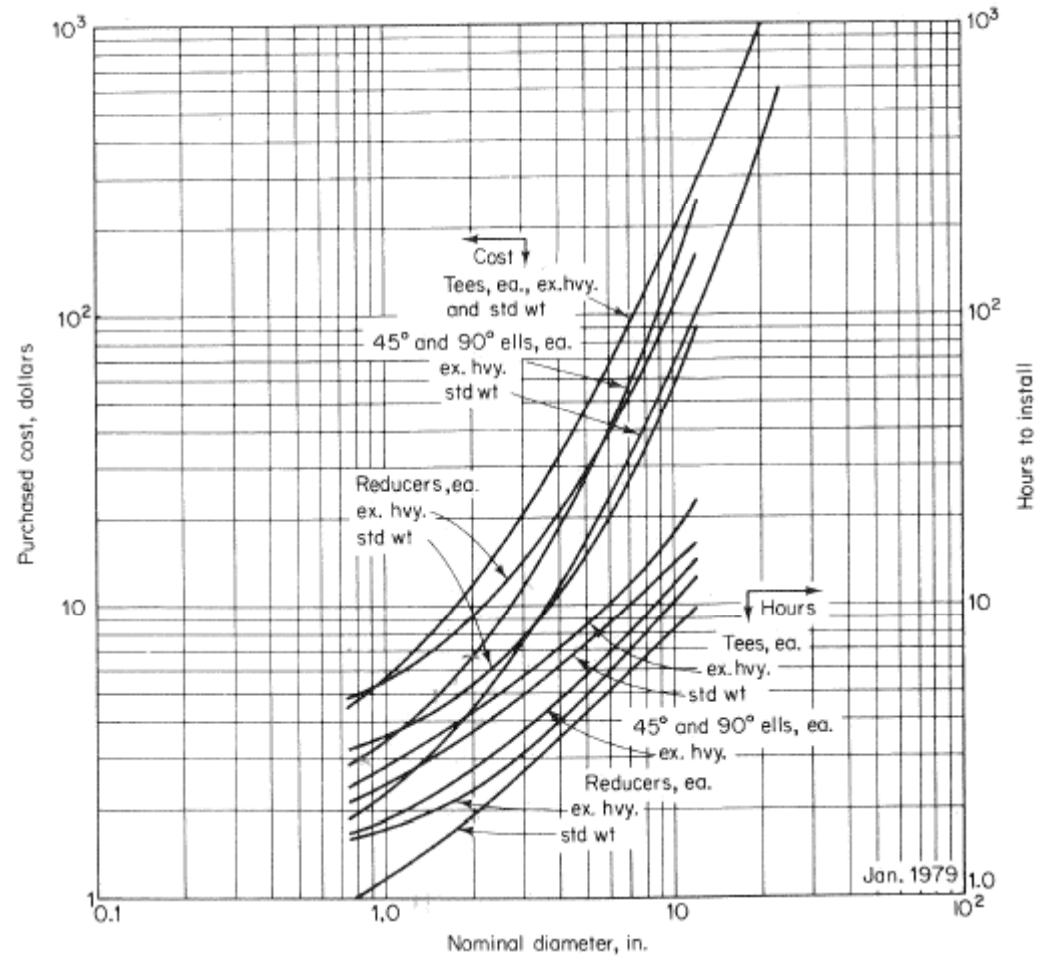


Figure 13-4 Cost and installation time for carbon-steel welded pipe fittings.

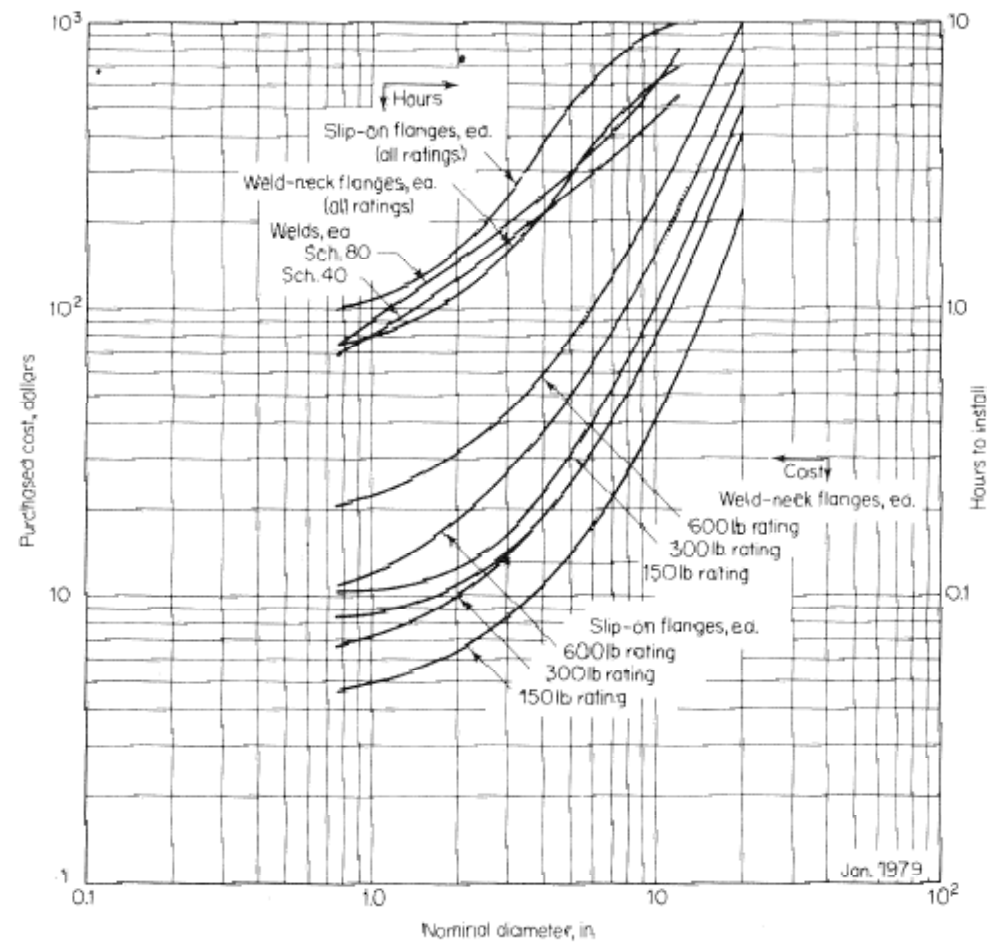


Figure 13-5 Cost and installation time for carbon-steel welded pipe fittings.

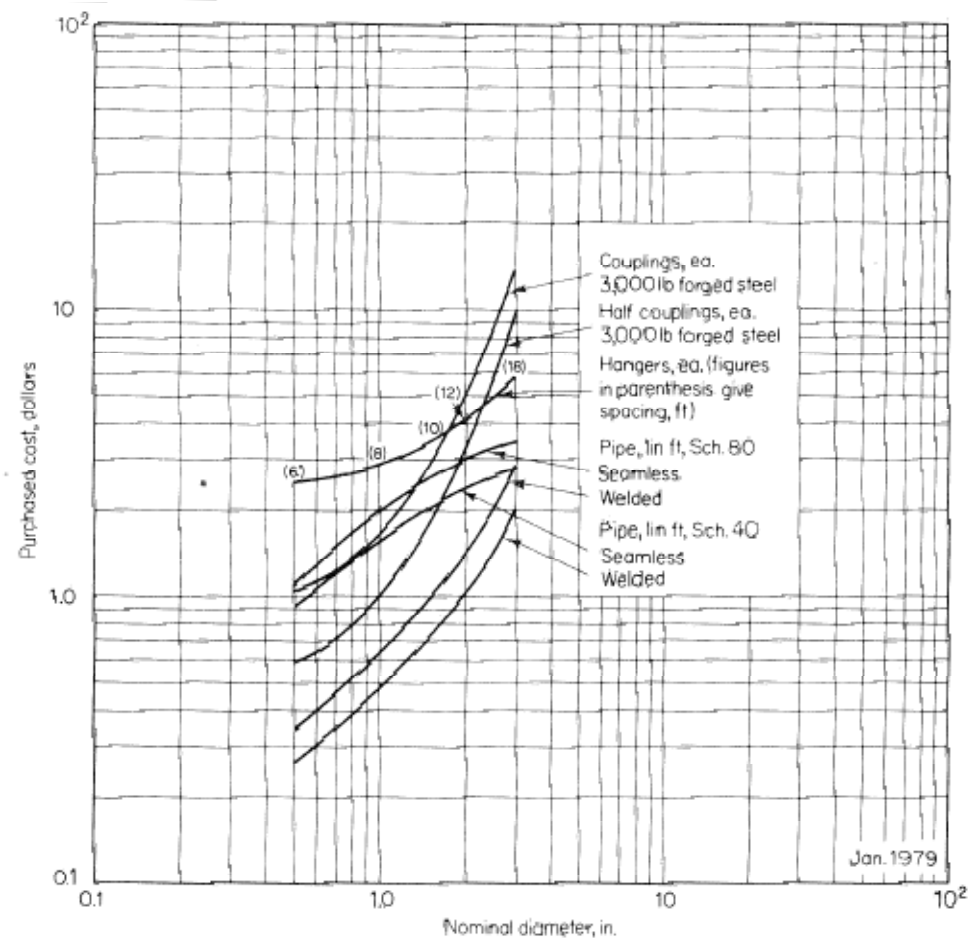


Figure 13-6 Cost of carbon-steel screwed pipe and fittings.

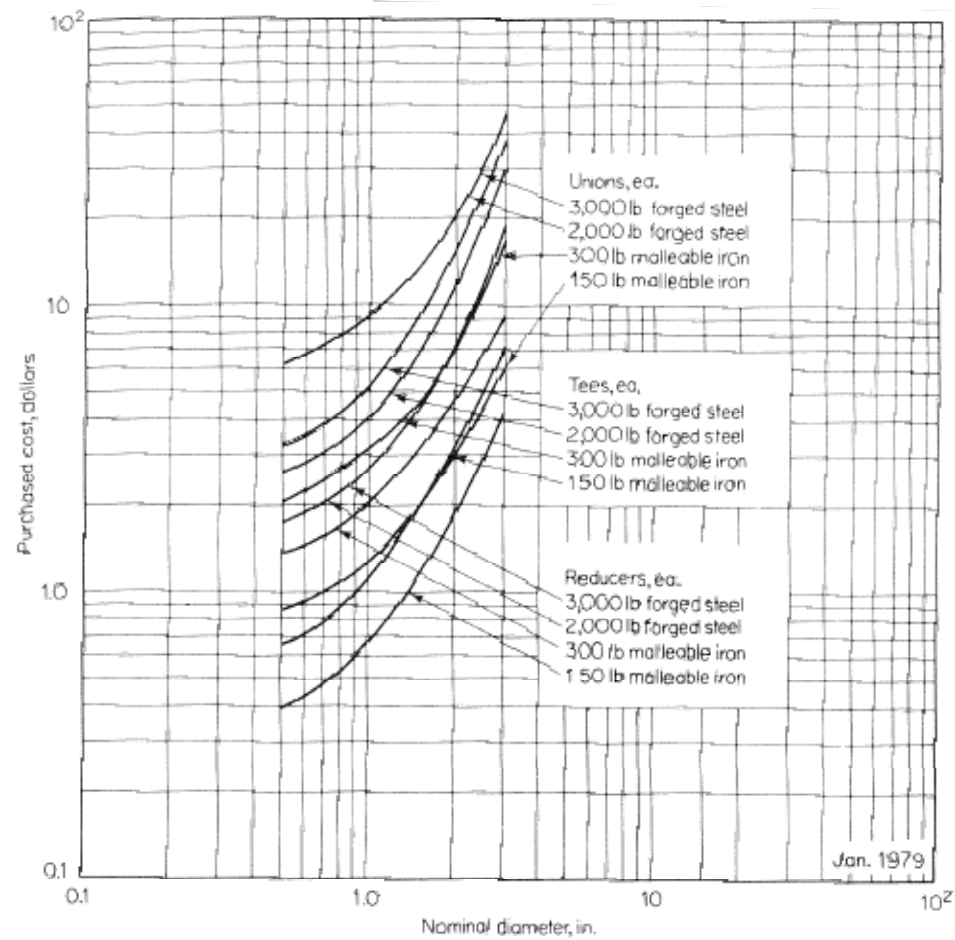


Figure 13-7 Cost of carbon-steel screwed pipe fittings.

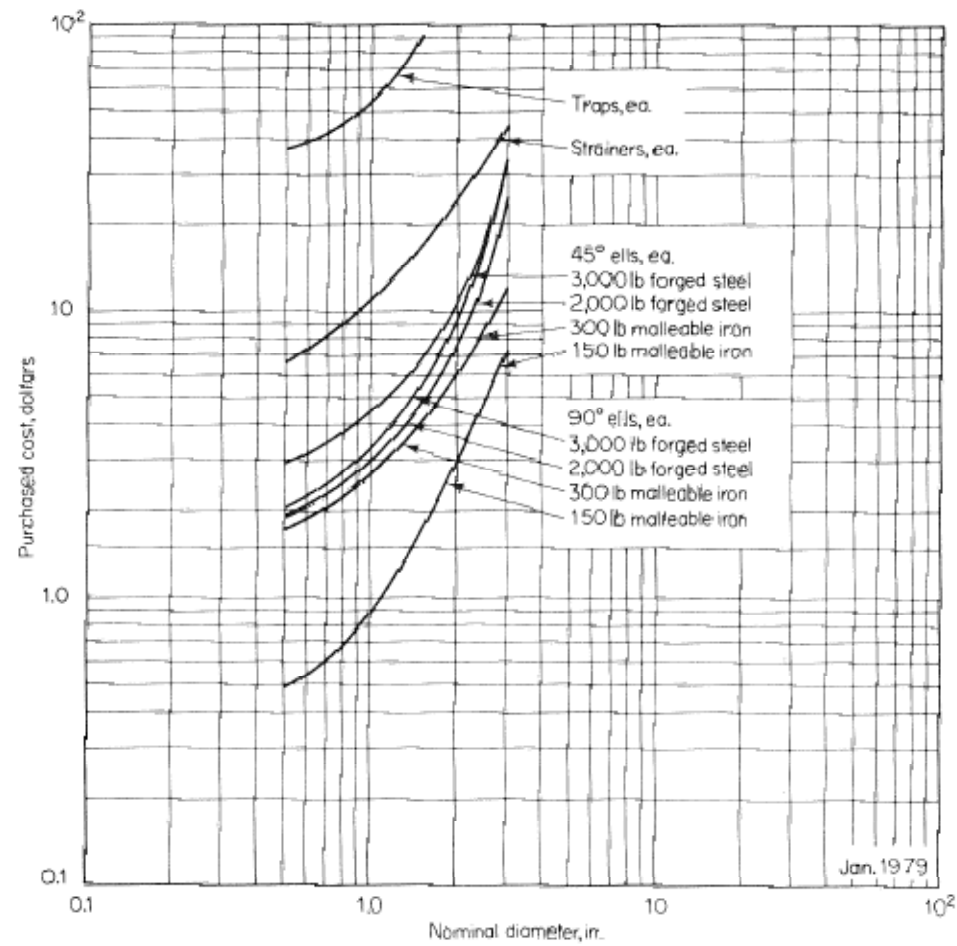


Figure 13-8 Cost of carbon-steel screwed pipe fittings.

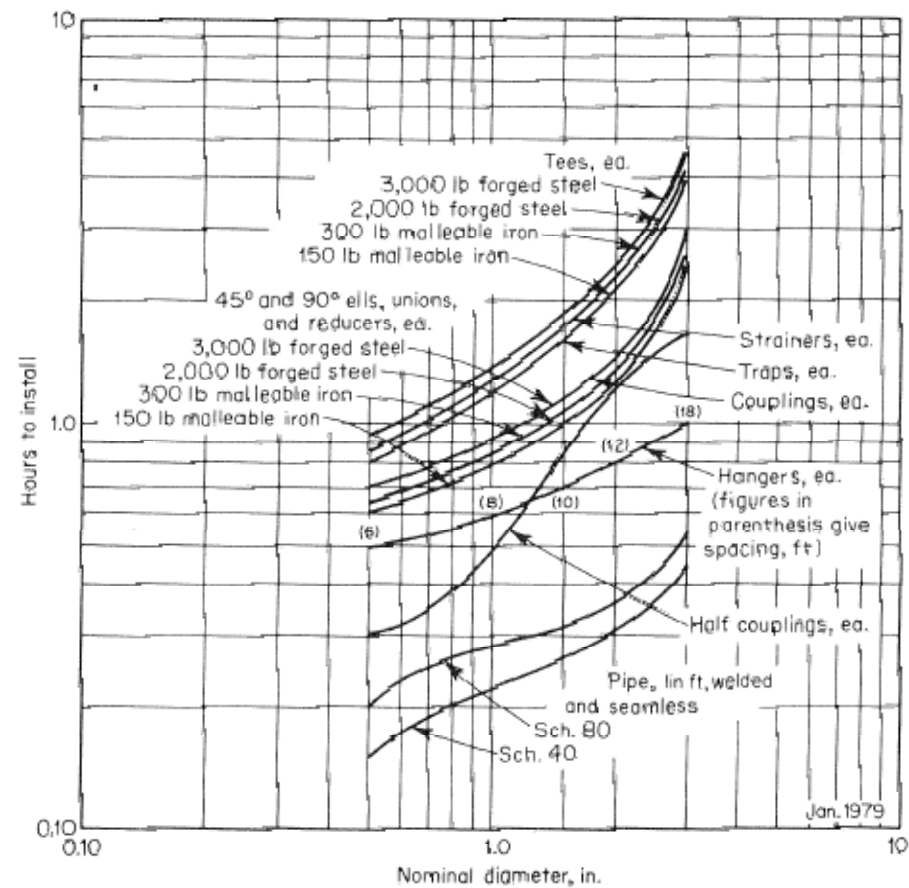


Figure 13-9 Installation time for carbon-steel screwed pipe fittings.

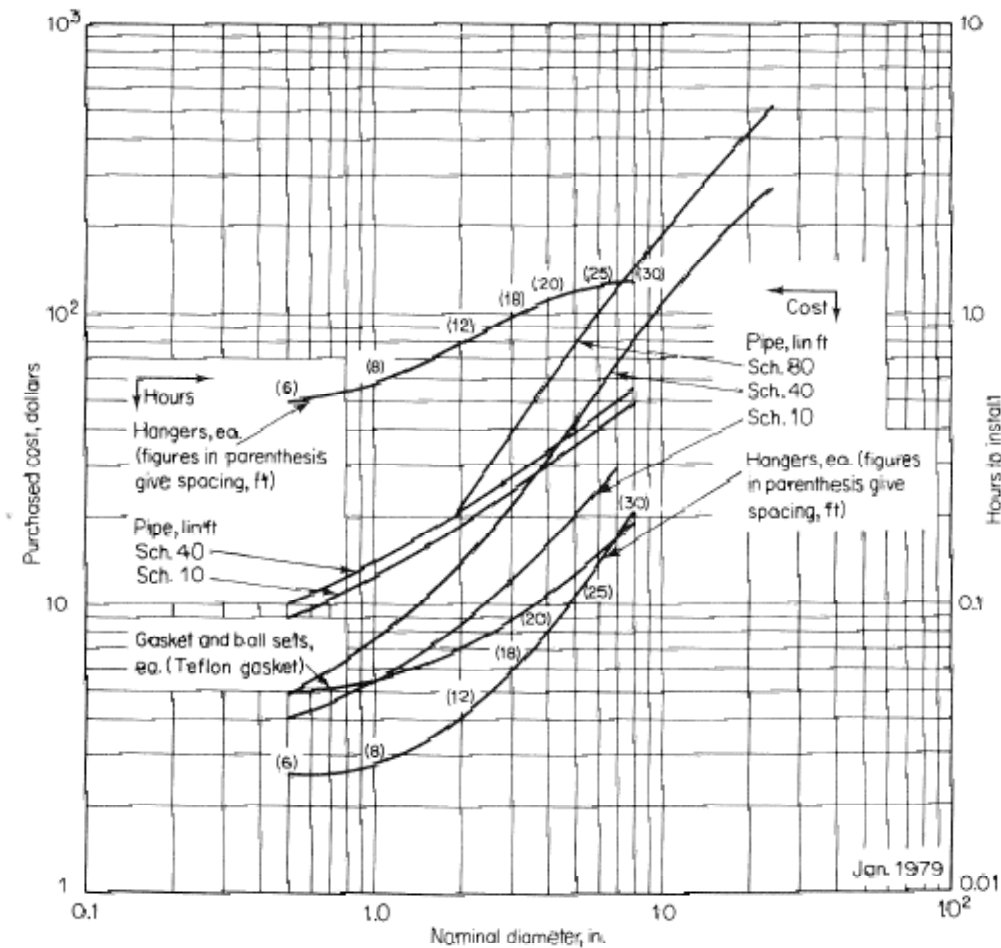


Figure 13-10 Cost and installation time for stainless-steel welded pipe and fittings. Prices are for types 304 and 304L. For types 316 and 347, multiply by 1.25; for type 316L, multiply by 1.45.

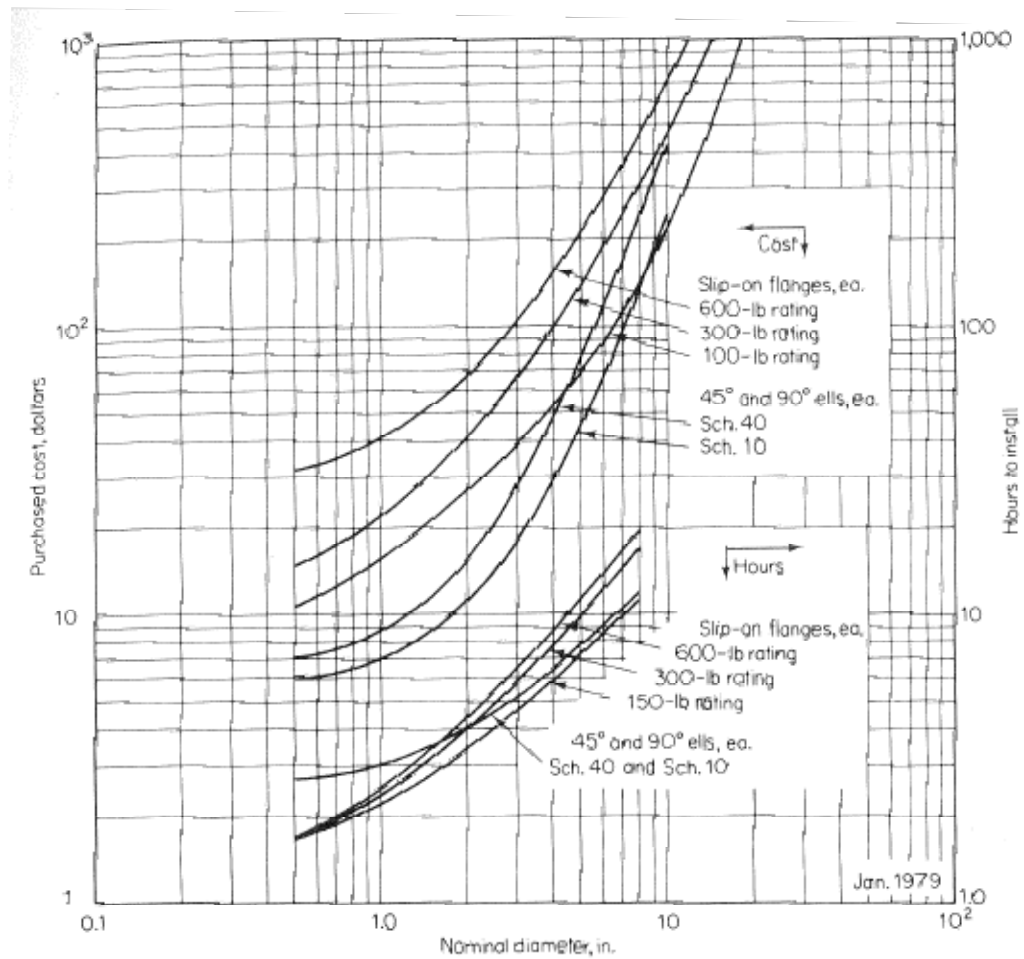


Figure 13-11 Cost and installation time for stainless-steel pipe fittings. Prices are for types 304 and 304 L. For types 316 and 347, multiply by 1.25; for type 316L, multiply by 1.45.

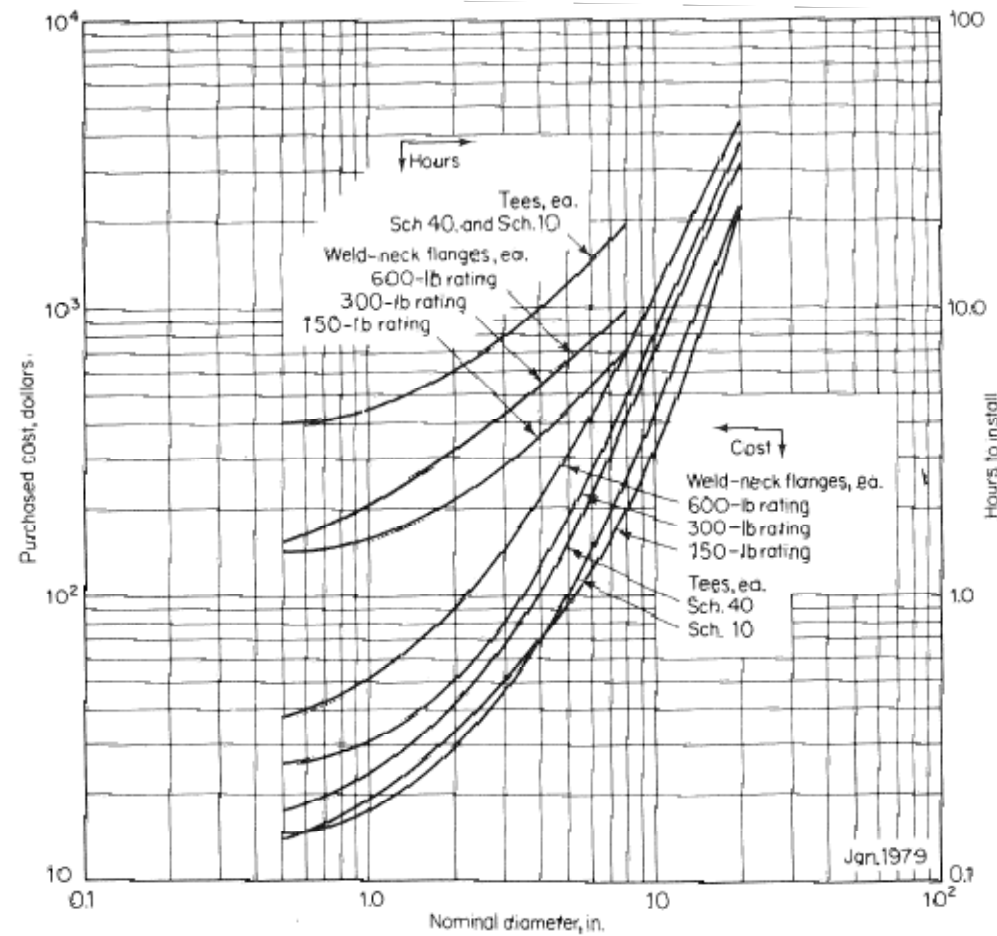


Figure 13-12 Cost and installation time for stainless-steel pipe fittings. Prices are for types 304 and 304L. For types 316 and 347, multiply by 1.25; for type 316L, multiply by 1.45.

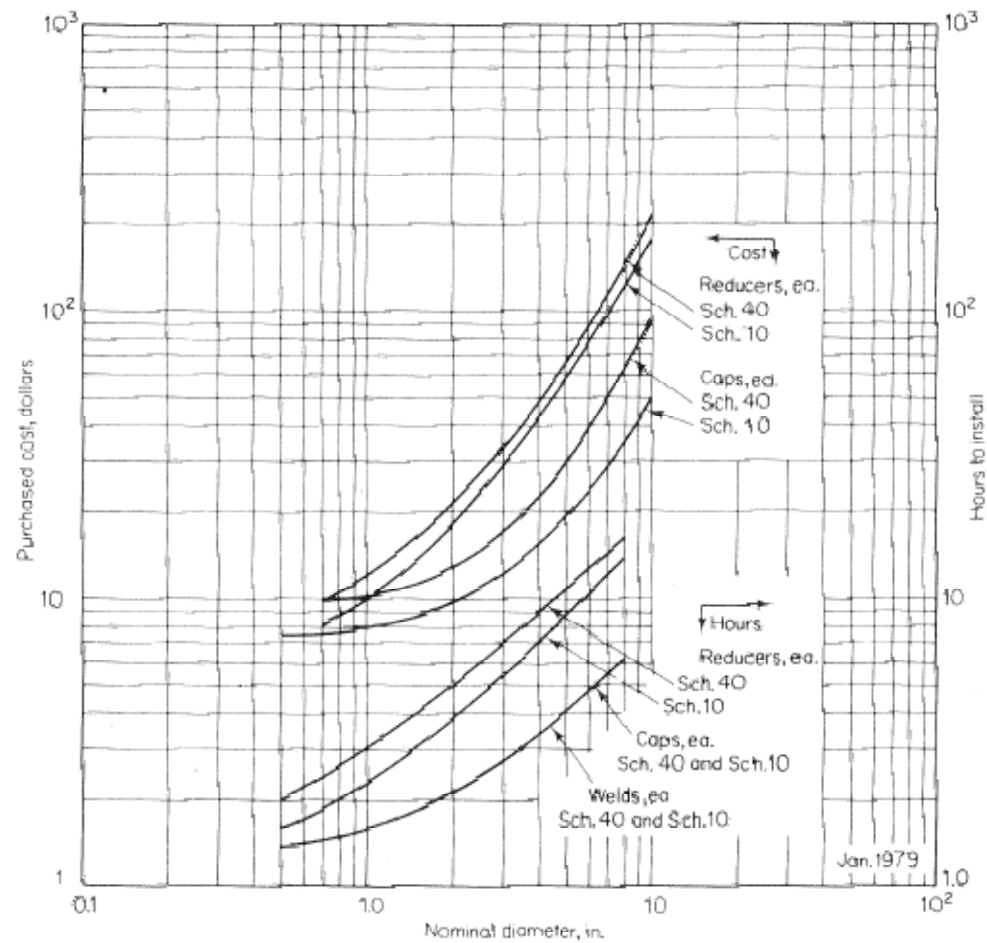


Figure 13-13 Cost and installation time for stainless-steel pipe fittings. Prices are for type 304 and 304L. For types 316 and 347, multiply by 1.25; for type 316L, multiply by 1.45.

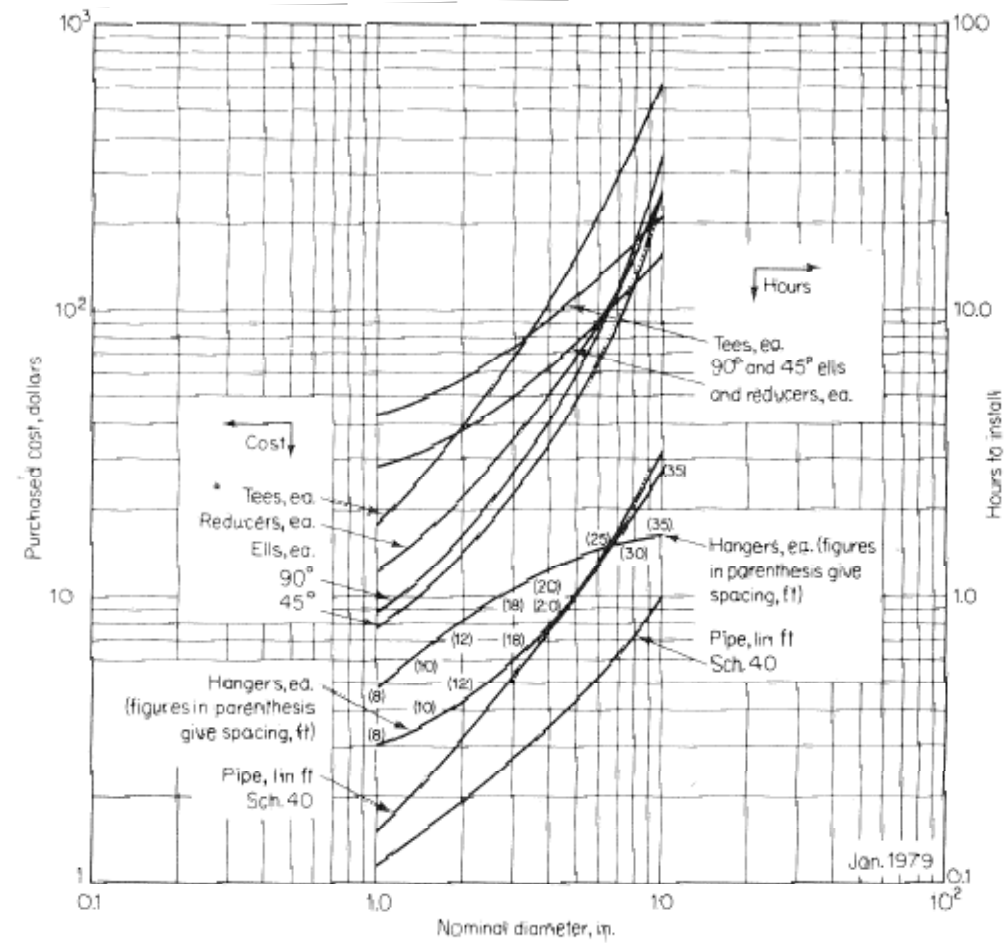


Figure 13-14 Cost and installation time for aluminum welded pipe and fittings.

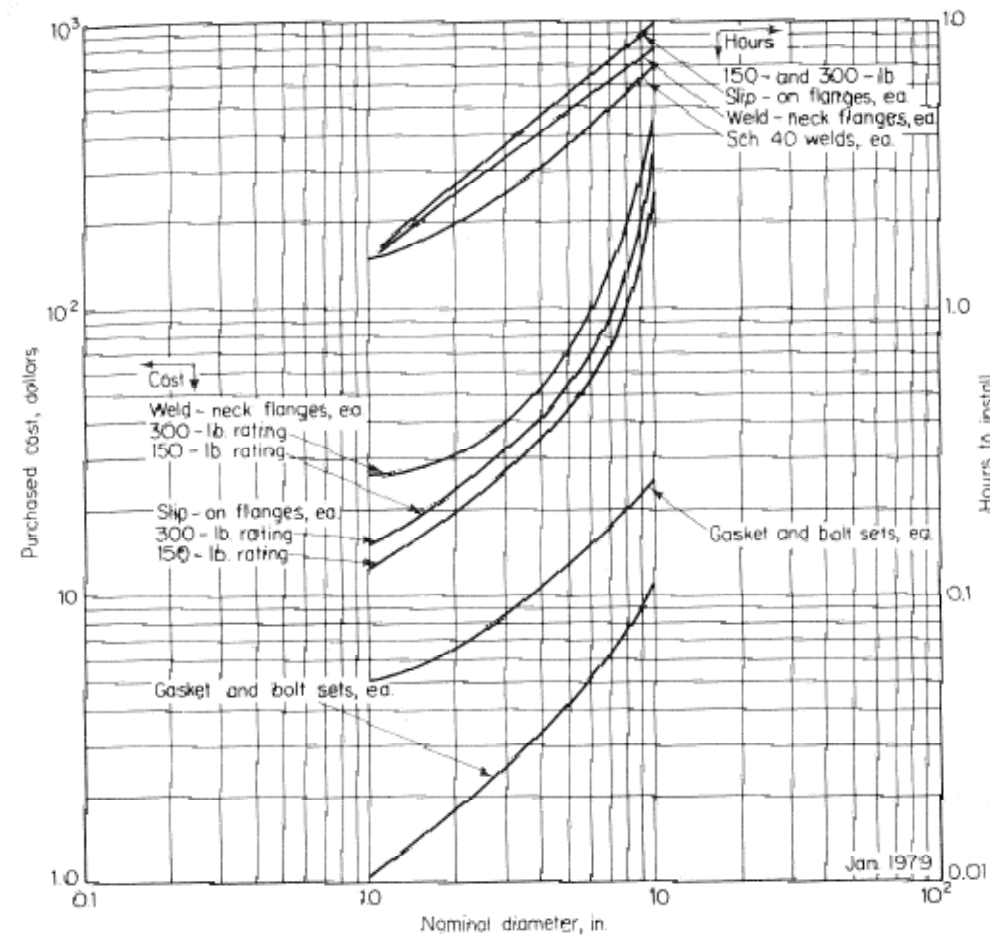


Figure 13-15 Cost and installation time for aluminum welding and pipe fittings.

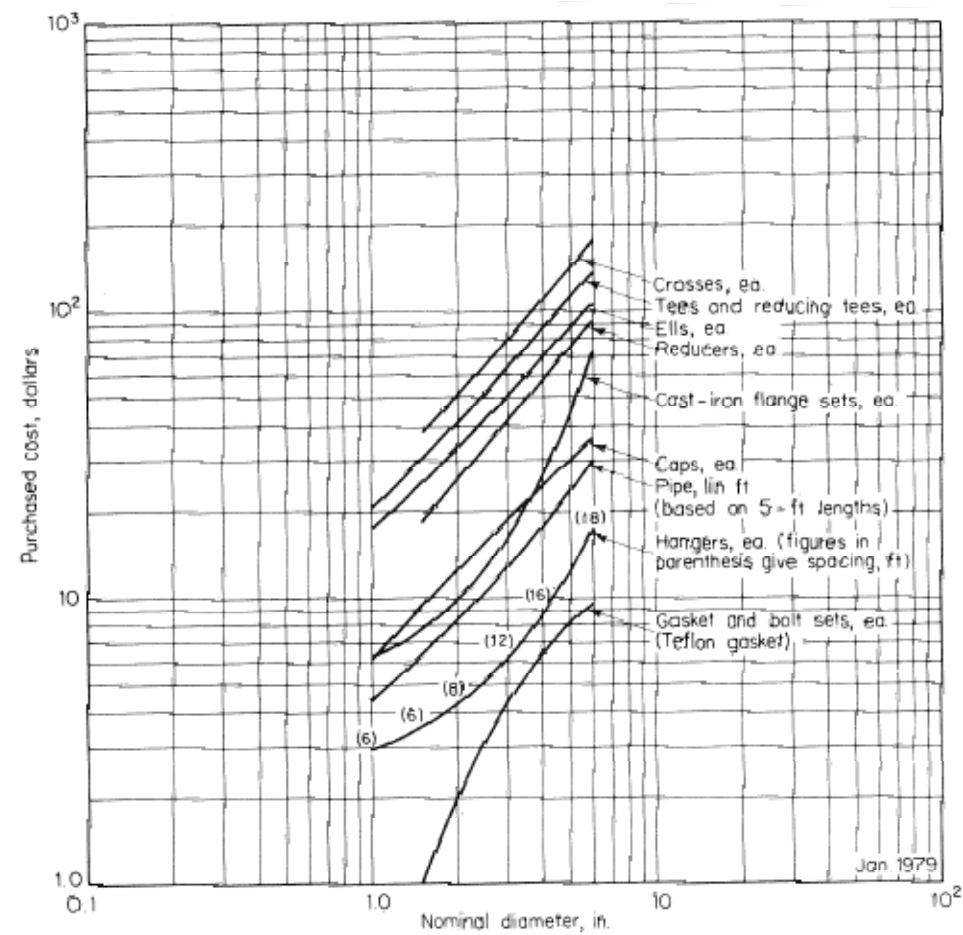


Figure 13-16 Cost of heat-resistant glass pipe and fittings.

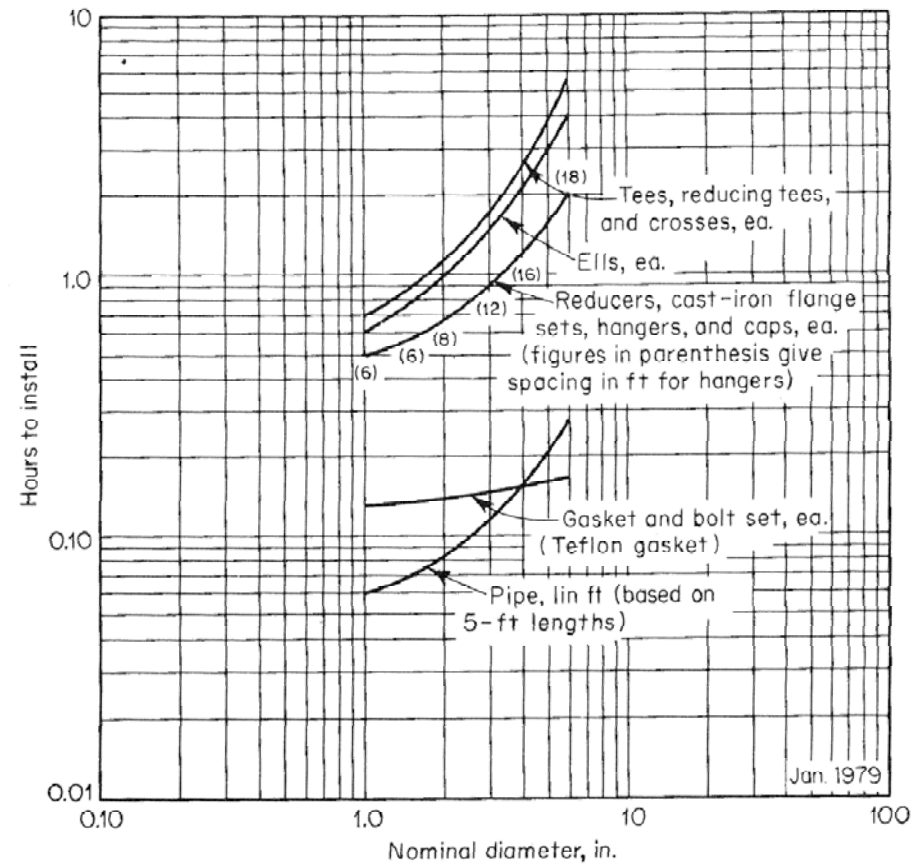


Figure 13-17 Installation time for heat-resistant glass pipe and fittings.

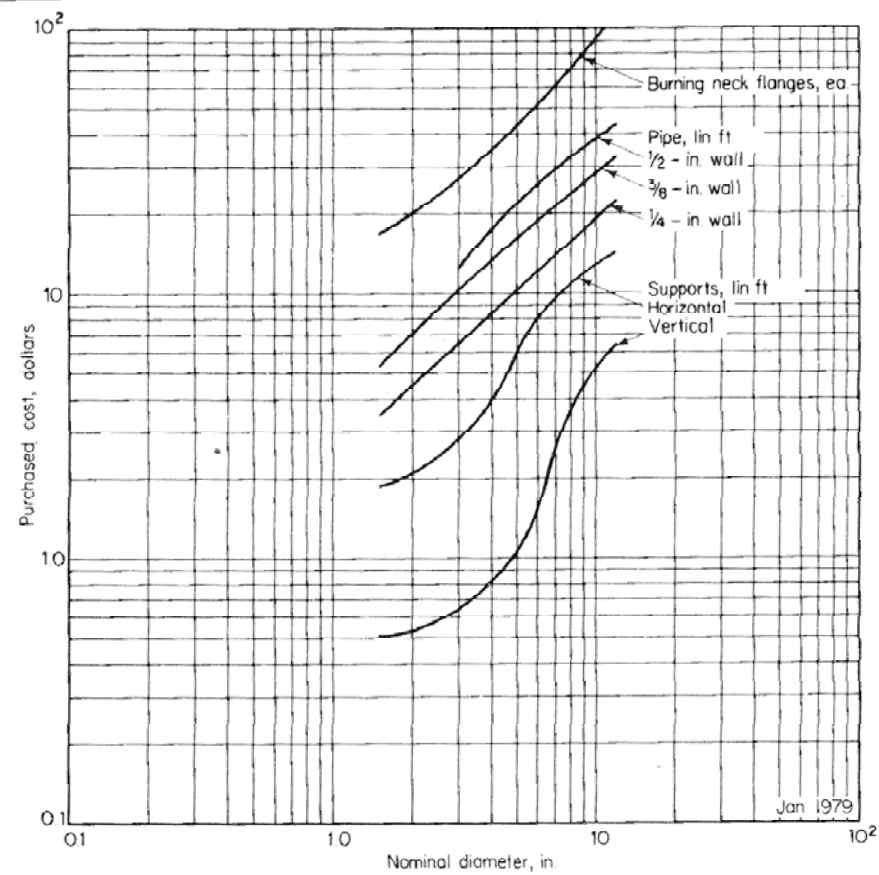


Figure 13-18 Cost of chemical-lead pipe.

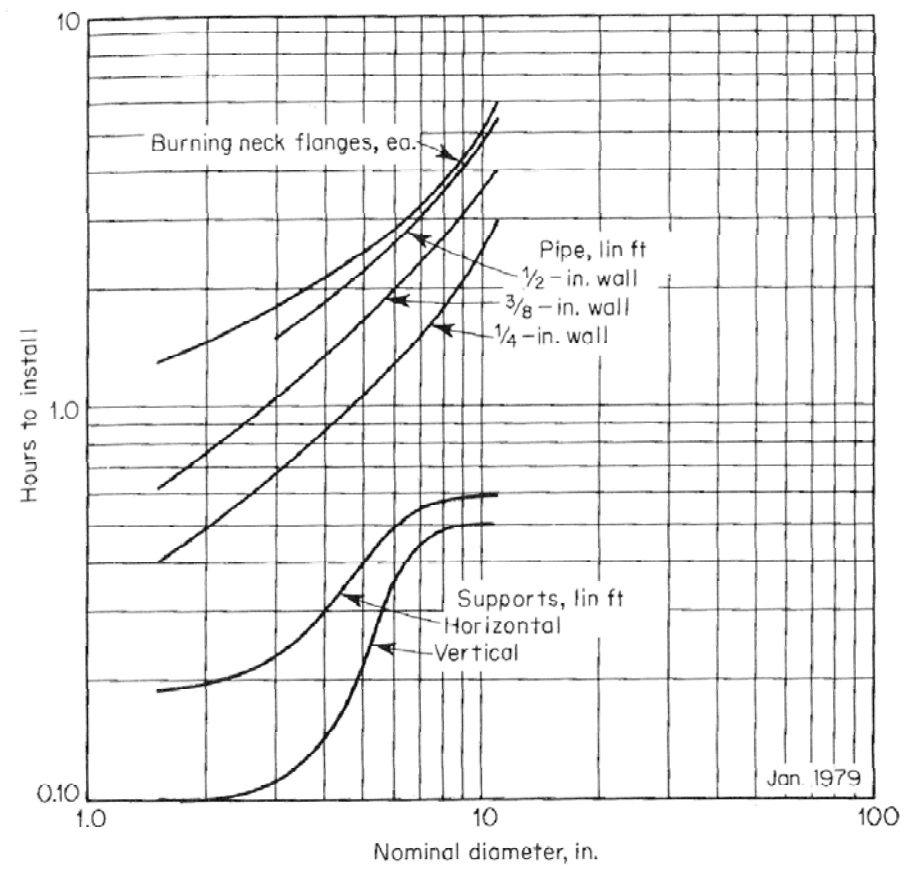


Figure 13-19 Installation time for chemical-lead pipe.

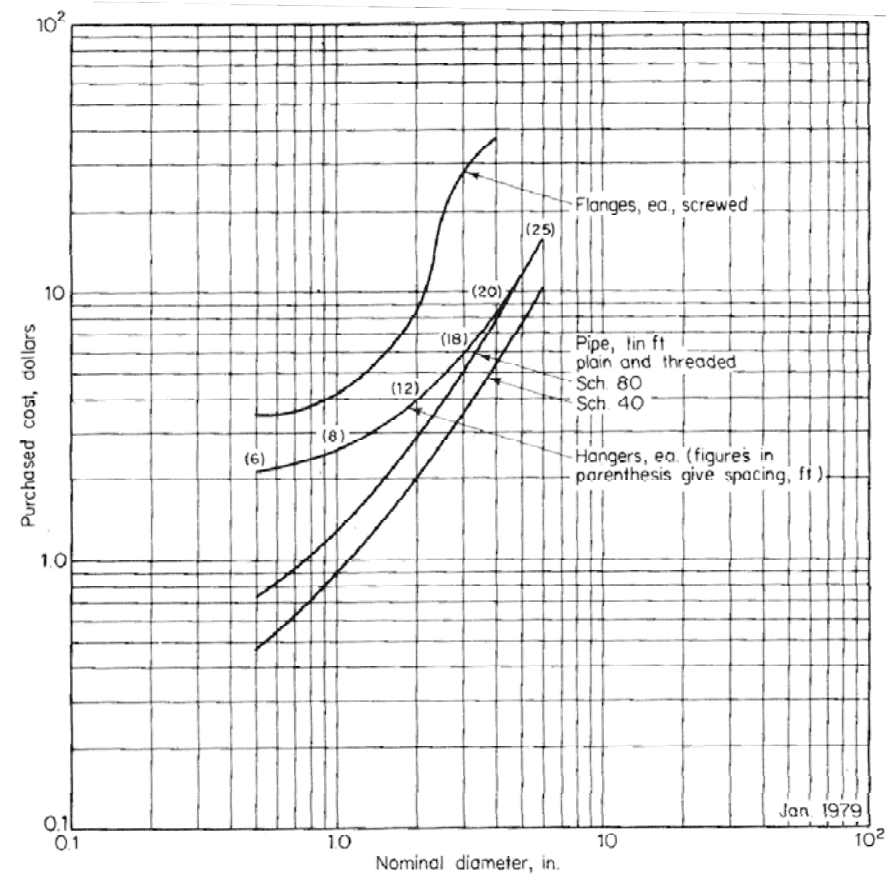


Figure 13-20 Cost of PVC plastic pipe and fittings.

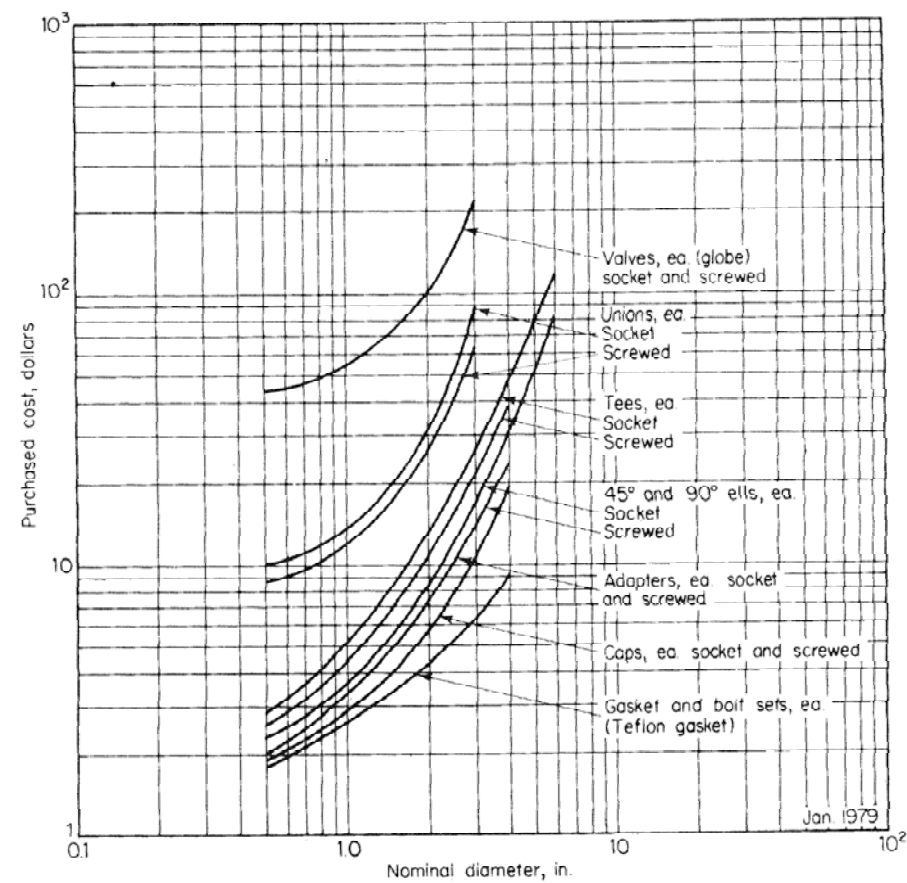


Figure 13-21 Cost of PVC plastic pipe fittings.

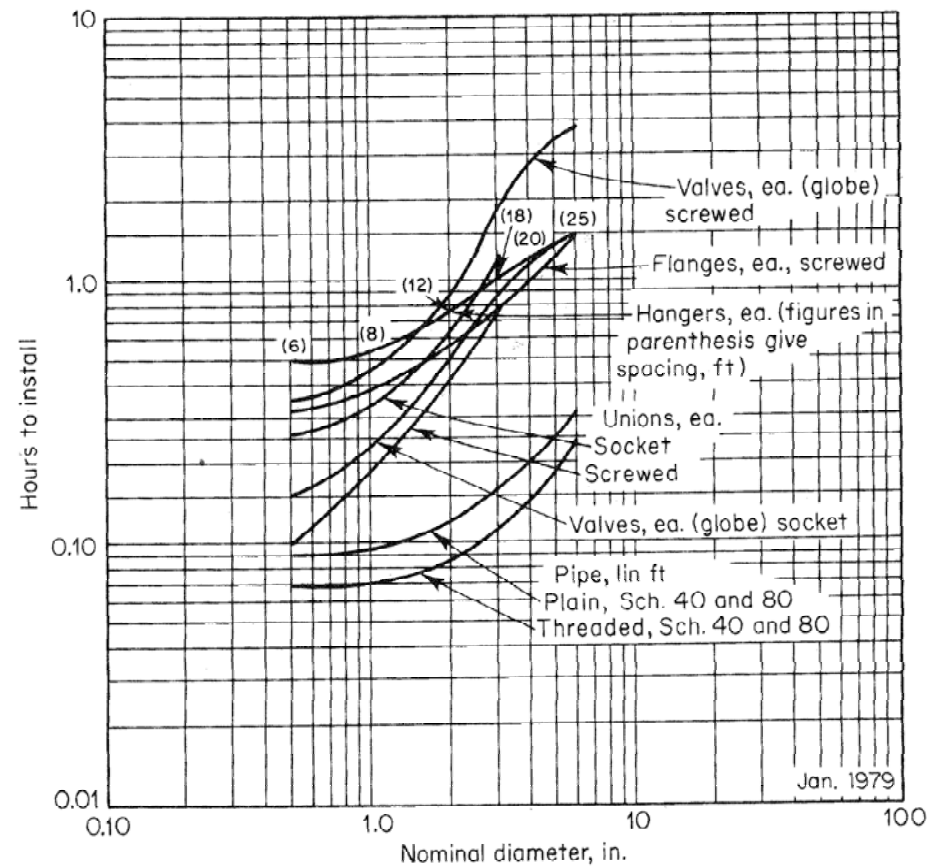


Figure 13-22 Installation time for PVC plastic pipe and fittings.

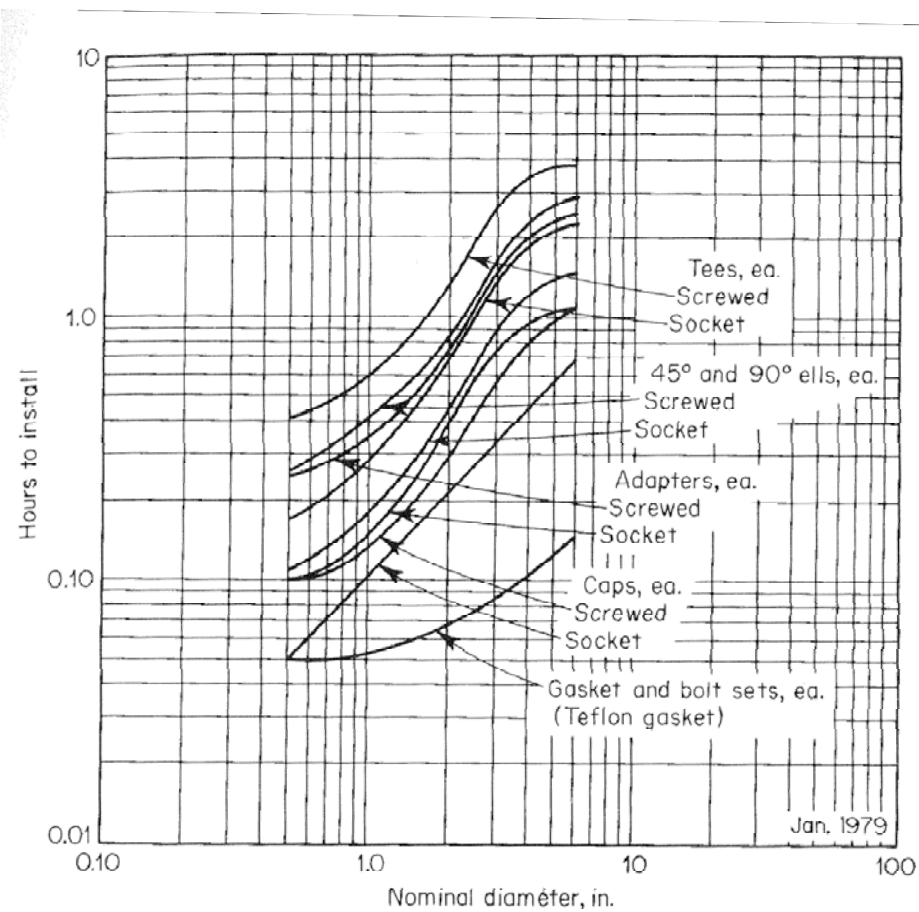


Figure 13-23 Installation time for PVC plastic pipe fittings.

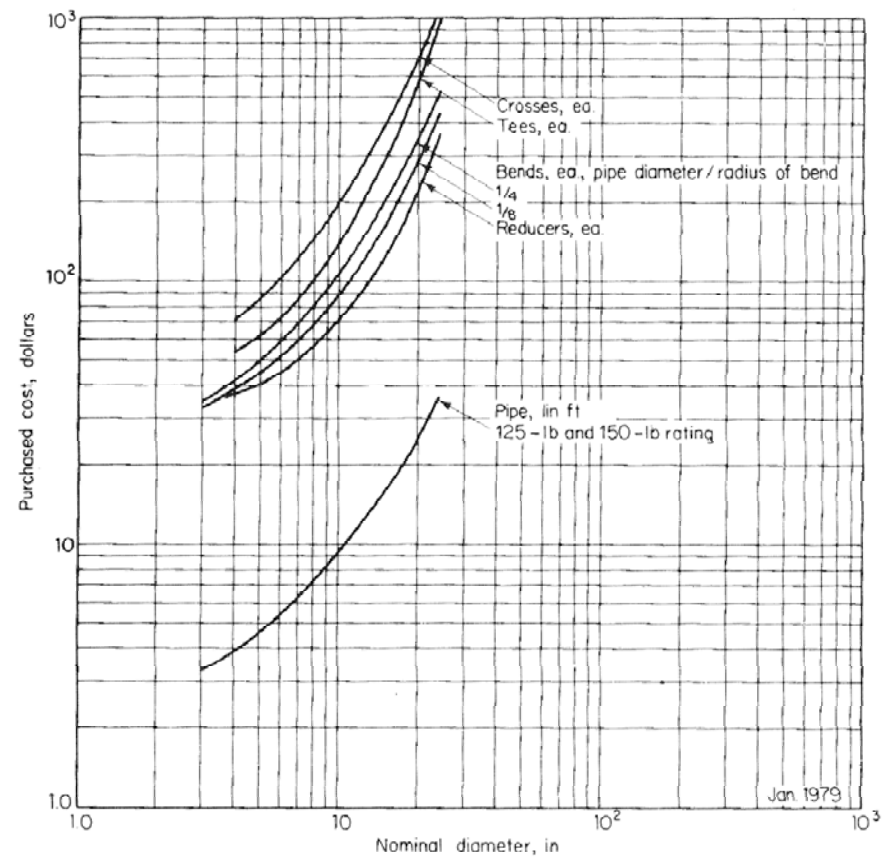


Figure 13-24 Cost for cast-iron mechanical-joint pipe and fittings.

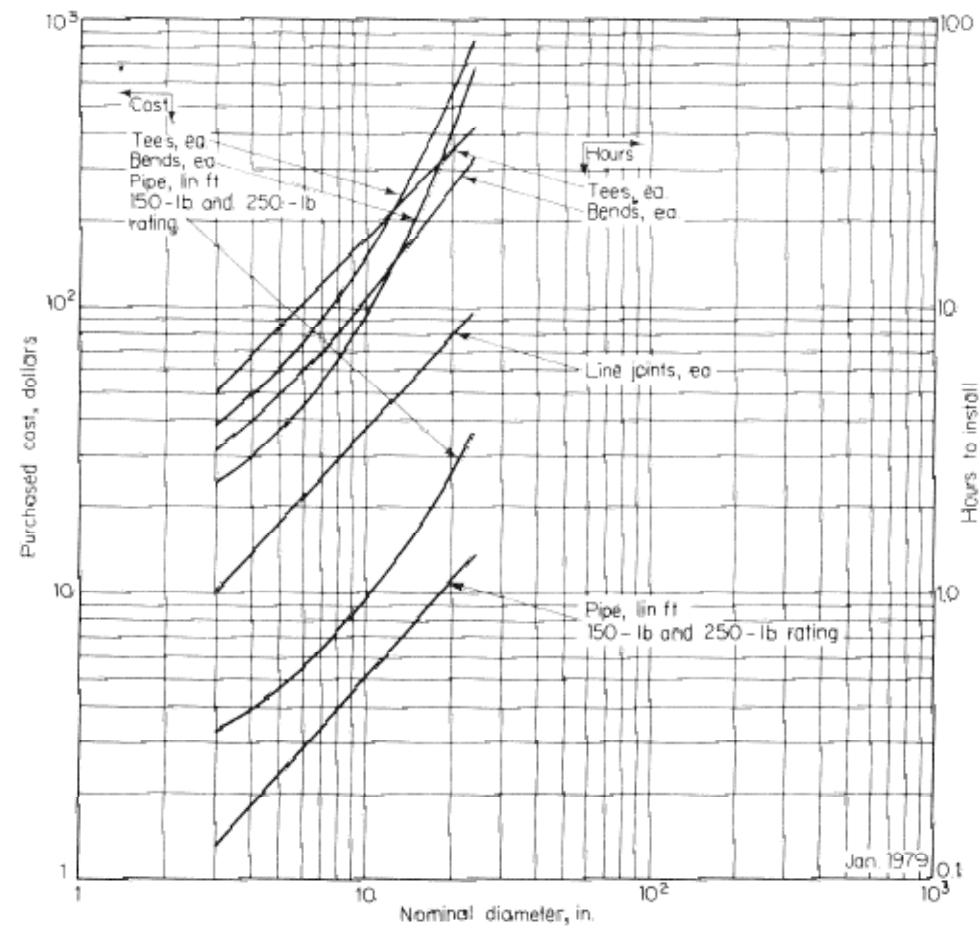


Figure 13-25 Cost and installation time for cast-iron bell-and-spigot pipe and fittings.

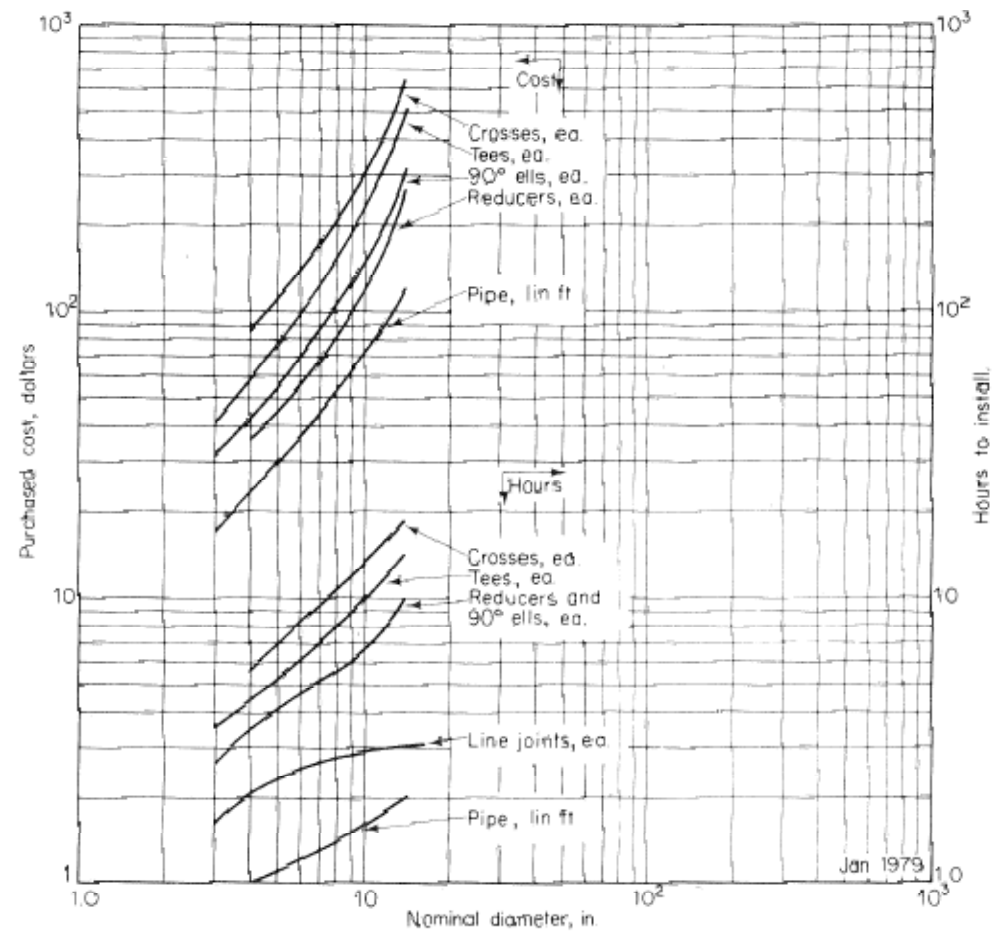


Figure 13-26 Cost and installation time for cast-iron flanged pipe and fittings. Cost of the pipe includes jointing material.

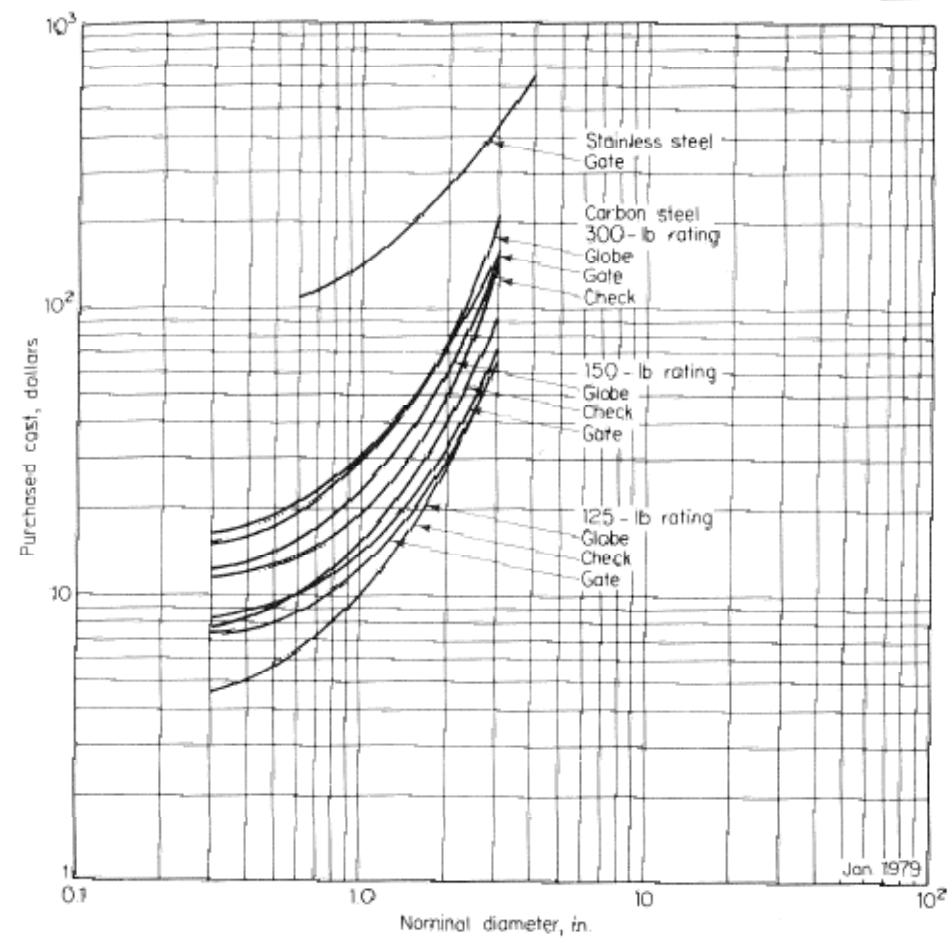


Figure 13-27 Screwed valves. For water, oil, and gas.

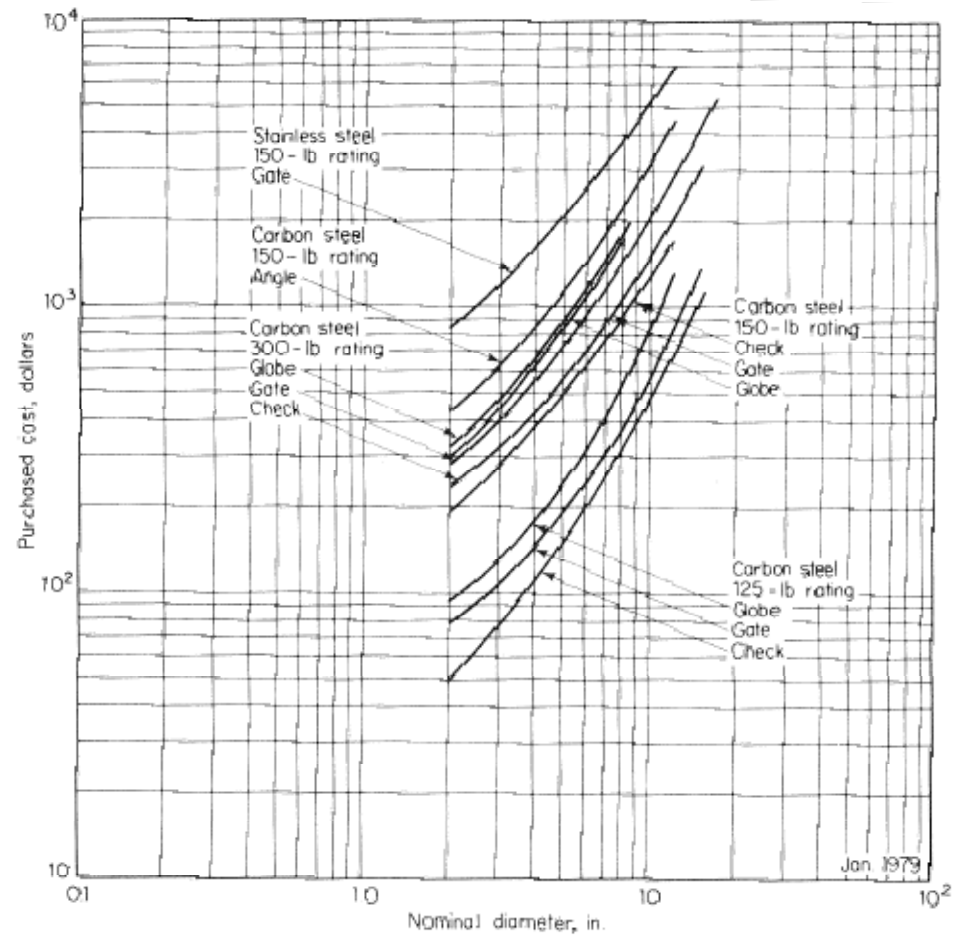


Figure 13-28 Flanged valves. For water, oil, and gas.

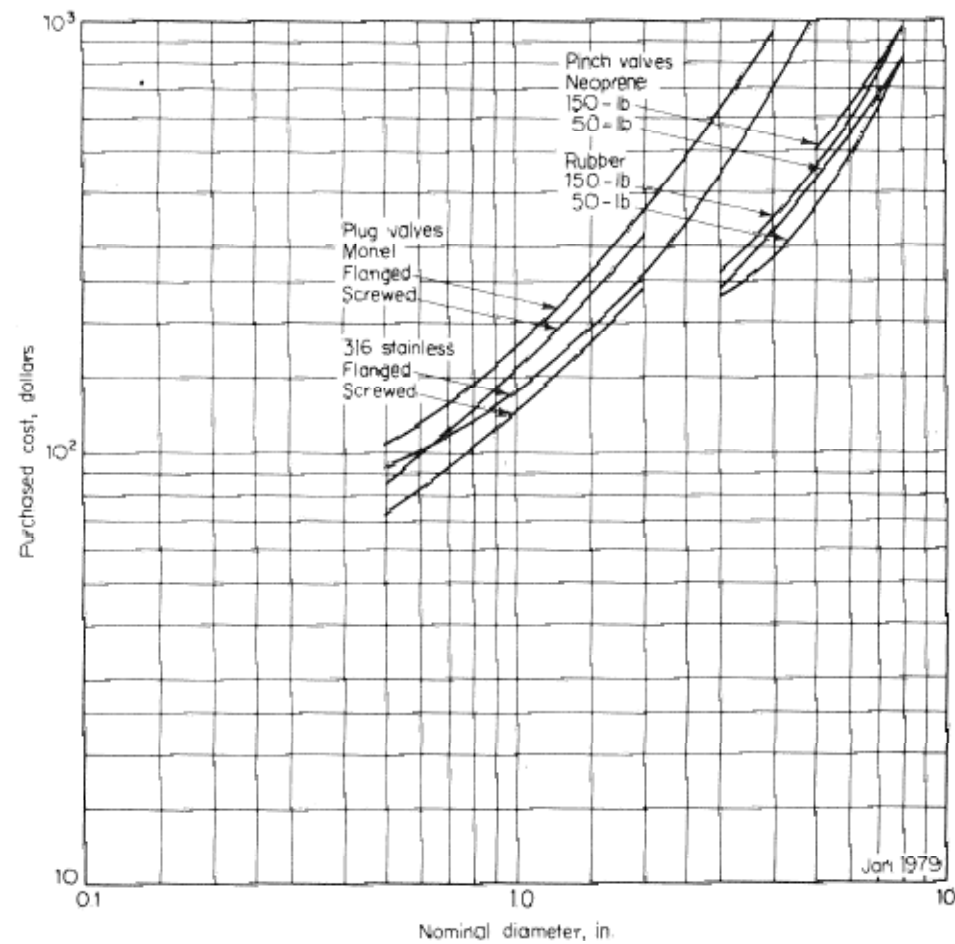


Figure 13-29 Cost of plug and pinch valves.

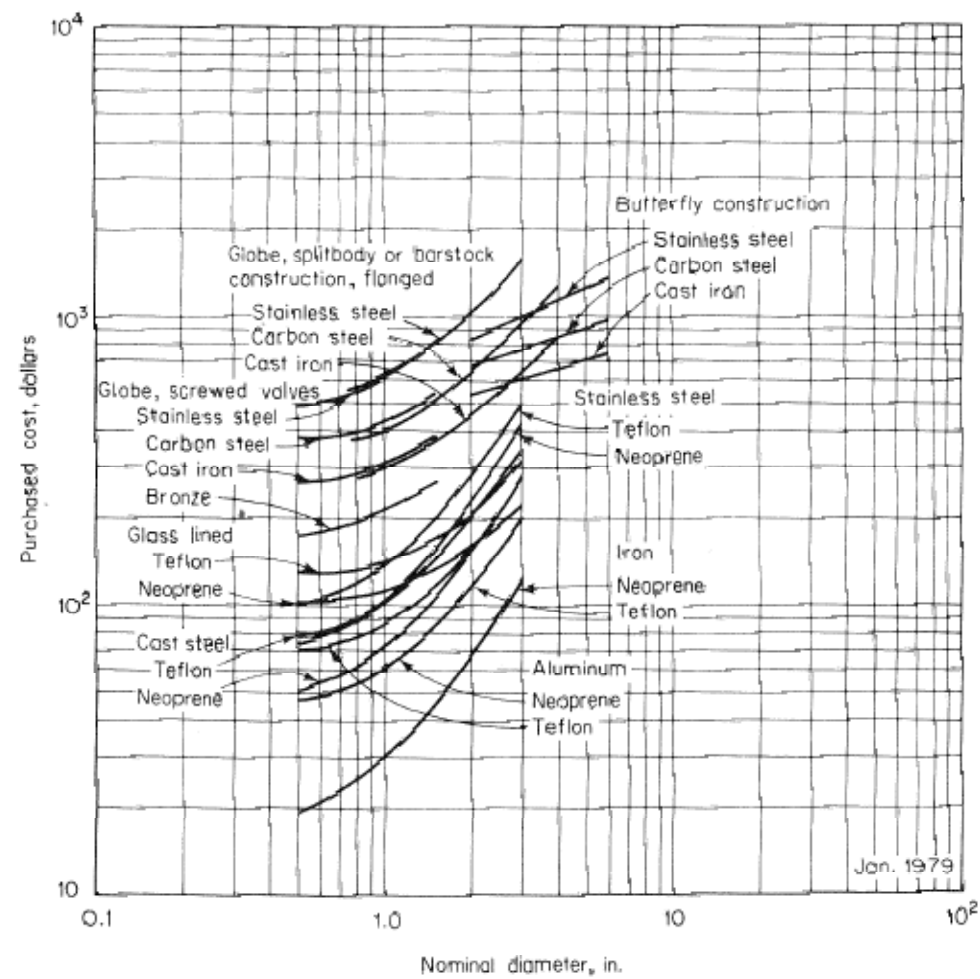


Figure 13-30 Cost of diaphragm valves.

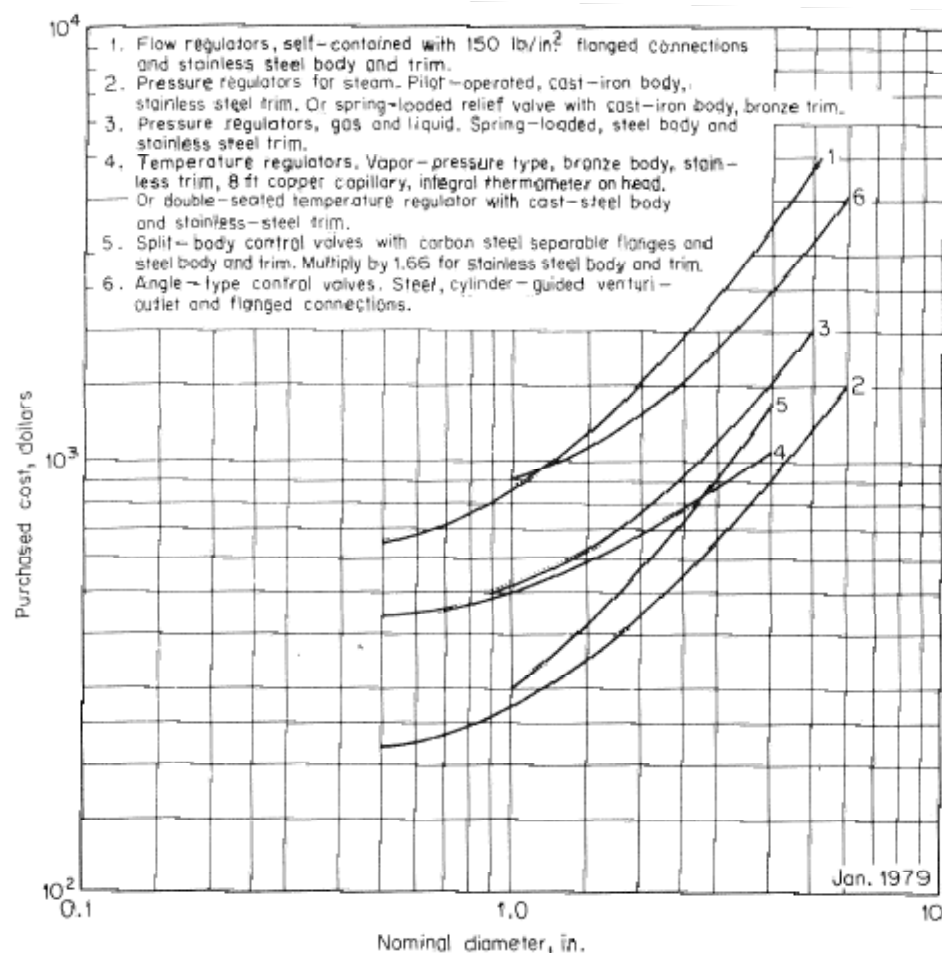


Figure 13-31 Costs for control and relief valves.

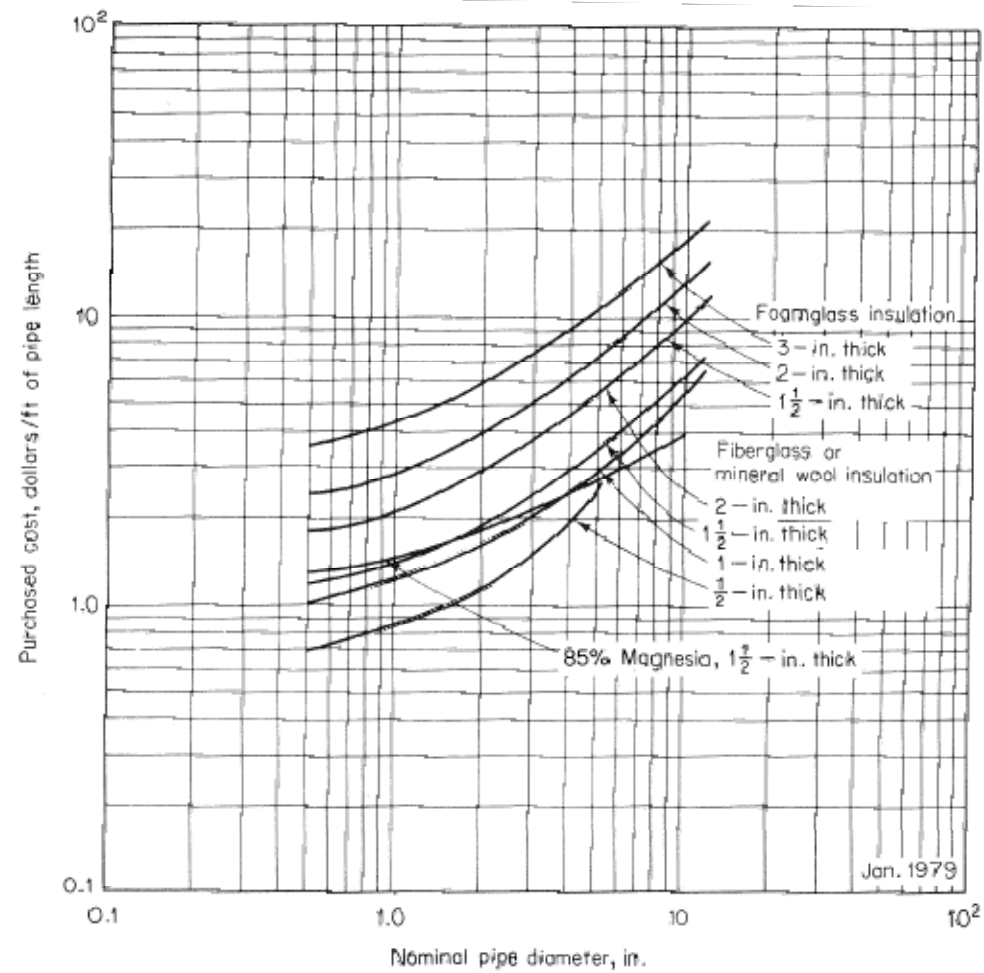


Figure 13-32 Cost of pipe insulation. Price includes cost of standard covering.

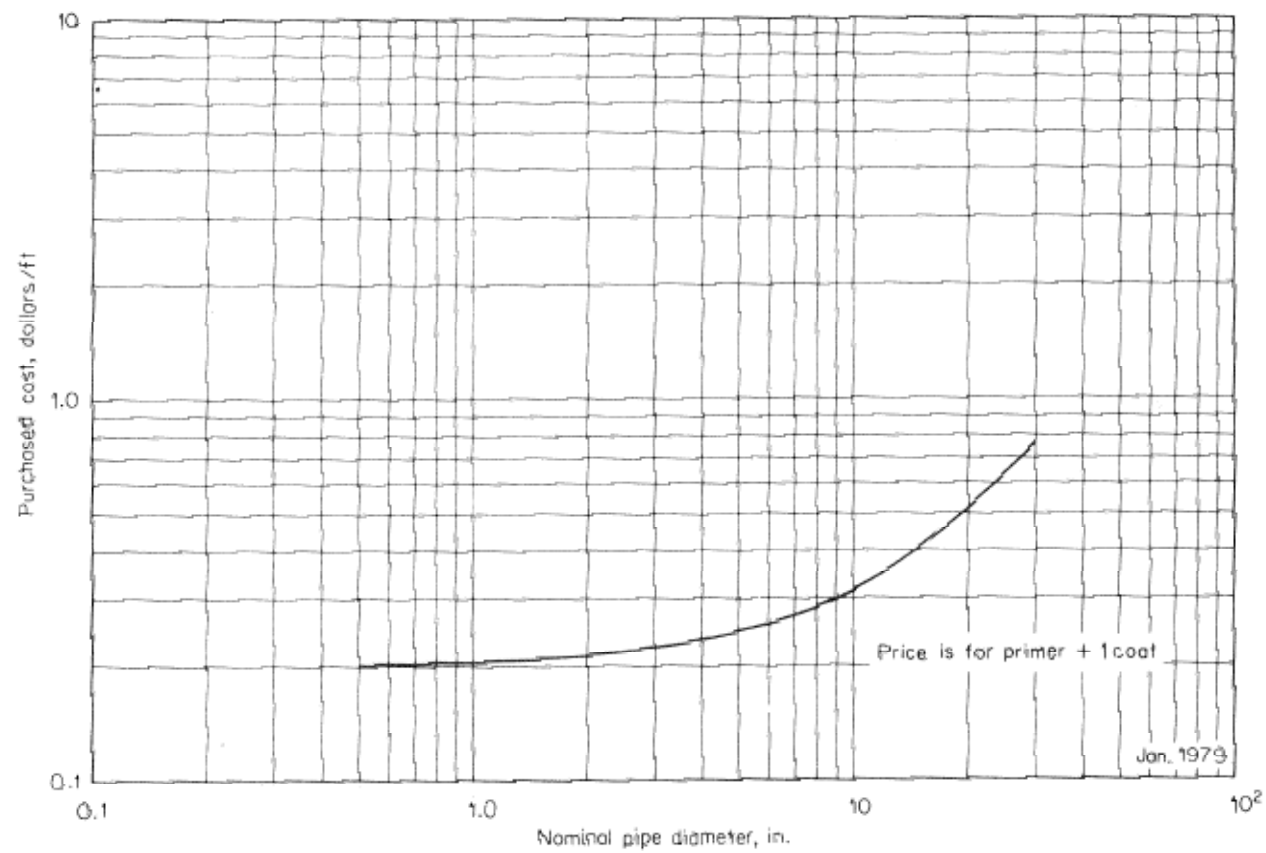


Figure 13-33 Cost of pipe painting. Cost includes material and labor, no overhead.

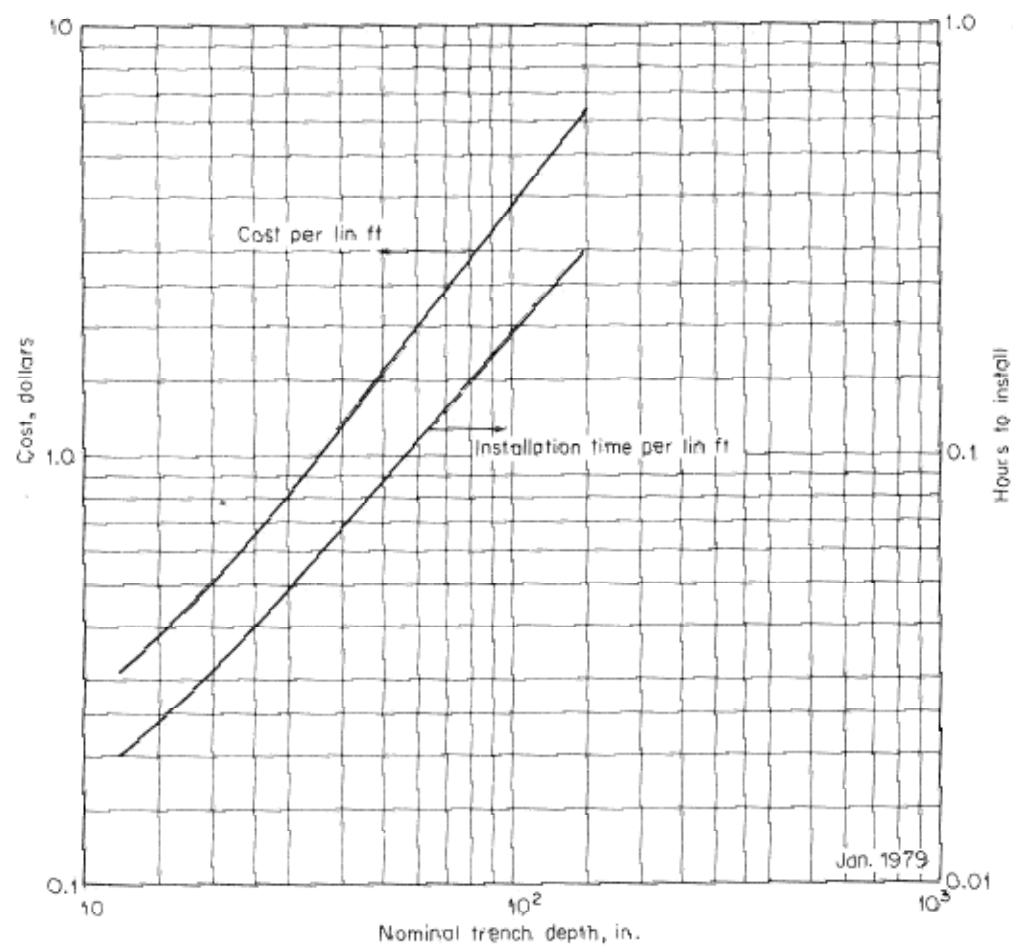


Figure 13-34 Cost and installation time for 2-ft-wide trench in damp sandy loam sloped $\frac{1}{2}$ to 1.