

Erratum

Volume 3, Number 6, June 1958 in the Letter to the Editor by K. R. Merckz entitled "Pipe Thicknesses Which Minimize Stresses Due to Internal Pressure and Gamma Heating" pages 774-777, the correct form of Table II should read as follows:

TABLE II
PROPERTIES OF PIPING MATERIALS AT 500-600°F

Material	E	ν	α	K	YS	US	$B - \left[\frac{E\alpha}{K(1-\nu)} \right] \rho$	
	psi/10 ⁶		10 ⁻⁶	W/in ² F	psi/100	psi/100	lb/inW	gm/cm ³
Aluminum base								
2S-O	8.0	0.33 ^a	15.9	3.261	3	5	58.2	2.69
3S-H18	8.0	0.33 ^a	13.9	2.185	10.5	17	76.2	2.73
14S-T6	8.5	0.33 ^a	13.6	2.185	8	10	79.0	2.80
17S-T4	8.4	0.33 ^a	13.9	1.713	7	10	79.7	2.79
24S-T4	8.5	0.33 ^a	13.7	2.659	10	12	79.6	2.77
51S-T6	10.21 ^a	0.33 ^a	13.9	2.422	4.5	5.5	96.8	2.69
52S-H36	8.15	0.33 ^a	14.3	1.950	8	12	79.8	2.68
53S-T6	10.01 ^a	0.33 ^a	13.9	2.186	3.5	6	95.2	2.69
61S-T6	8.0	0.33 ^a	14.1	2.186	5	7.5	77.1	2.70
Magnesium base								
Downmetal M	6.51 ^a	0.35 ^a	14.4	1.773	7.5	13	83.1	1.76
Downmetal FS-1	6.51 ^a	0.35 ^a	14.4	1.360	5.5	15	105.9	1.78
Downmetal J-1	6.51 ^a	0.35 ^a	14.4	1.122	7	12	128.3	1.80
Downmetal 0-1	6.51 ^a	0.35 ^a	14.4	1.063	7.8	13.6	135.4	1.80
Nickel base								
Inconel	31	0.29	9.0	0.254	90	120	1540	8.51
Inconel-X	31	0.29	9.0	0.295	90	150	1330	8.51
K-Monel	26	0.32	8.3	0.254	100	140	1250	8.47
Stainless steel								
304	24.5	0.30	9.9	0.301	34	65	1151	7.92
310	26.2	0.30	8.9	0.236	32	83.5	1412	7.92
316	28.5	0.28 ^a	9.0	0.295	27	73.5	1208	7.98
321	25.8	0.30	9.8	0.307	26	62	1176	7.92
347	26.1	0.30	9.4	0.236	32	69	1490	7.98
410	28	0.28 ^a	6.1	0.405	...	74.5	585.7	7.75
430	29	0.28 ^a	5.6	0.368	34	62.5	612.8	7.70
446	29	0.28 ^a	5.5	0.343	47	72.5	645.7	7.60
Titanium base								
Ti-150A ^b	161 ^a	0.33 ^a	5.00	0.218	70	97	547.9	4.64
Ti-150B ^b	161 ^a	0.33 ^a	5.00	0.218	115	117	547.9	4.64
Ti-175A ^b	161 ^a	0.33 ^a	5.00	0.218	547.9	4.64
Zirconium base								
Zircaloy-2	11.25	0.31 ^a	3.61	0.200	...	50	252.7	6.55

^a Room temperature.

^b Annealed.

(Compiled by A. A. Zoutte.)