



A276/A276M – 24a

TABLE 3 Response to Heat Treatment

UNS or Type ^A	Heat Treatment Temperature ^B °F [°C], min	Quenchant	Hardness HRC, min
403	1750 [955]	Air	35
410	1750 [955]	Air	35
414	1750 [955]	Oil	42
420	1825 [995]	Air	50
S42010	1850 [1010]	Oil	48
431	1875 [1020]	Oil	40
440A	1875 [1020]	Air	55
440B	1875 [1020]	Oil	56
440C	1875 [1020]	Air	58
S44026	1875 [1025]	Air	57

^A Samples for testing shall be in the form of a section not exceeding 3/8 in. [9.50 mm] in thickness.

^B Temperature tolerance is ±25 °F [14 °C].

SUMMARY OF CHANGES

Committee A01 has identified the location of selected changes to this standard since the last issue (A276/A276M – 24) that may impact the use of this standard. (Approved Feb. 1, 2024.)

(1) Revised 9.1 to make certification and testing mandatory.

Committee A01 has identified the location of selected changes to this standard since the last issue (A276/A276M – 23) that may impact the use of this standard. (Approved Jan. 1, 2024.)

(1) Added UNS S35130, UNS S31051, and UNS S31052 to Tables 1 and 2.

Committee A01 has identified the location of selected changes to this standard since the last issue (A276/A276M – 17) that may impact the use of this standard. (Approved Aug. 1, 2023.)

(1) Added UNS S44026 to Tables 1-3. Tables 2 and 3 column header changed to “UNS or Type.”

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