ADDENDUM TO 2025 EDITION OF YELLOW SHEETS
Tempers for Aluminum and Aluminum Alloy Products

November 19, 2026

New and Revised Registrations Since Publication of 2025 Edition of Yellow Sheets

Registered			Product	Thickness in.	Tensile Strength, ksi			Elongation Percent in 2 in. or 4D	Remarks[2]
Alloy Temper	By	Date			Basis[1]	Ult.	Yield		
2046-T84	Constellium	4/27/2026	Plate	0.500-1.500	*Min[6]	73.0	69.0	9	*Tentative
					*Min[9]	74.0	67.0	7	Solution heat treated and cold worked 3-4.5% and artificially aged.
				1.501-2.000	*Min[6]	72.0	67.0	9	
					*Min[9]	73.0	65.0	6	Stress Corrosion Resistance
					*Min[10]	71.0	61.0	2	For thickness 0.750-6.500 inches.
				2.001-3.000	*Min[6]	71.0	67.0	8	Direct C-rings and Tensile specimen
					*Min[9]	72.0	65.0	6	machined and tested in accordance with
					*Min[10]	71.0	61.0	2	ASTM G47 shall show no evidence of stress corrosion failure when tested in the short
				3.001-4.000	*Min[6]	70.0	66.0	7	transverse direction at 45 ksi and exposed
					*Min[9]	71.0	64.0	5	for 30 days.
					*Min[10]	70.0	60.0	2	
									Fracture Toughness[14] - Min K_{IC}
				4.001-5.000	*Min[6]	70.0	66.0	6	For thicknesses 0.500-1.500 inches
					*Min[9]	71.0	64.0	3	L-T direction 29 ksi√in
					*Min[10]	69.0	59.0	2	T-L direction 29 ksi√in
				5.001-6.500	*Min[6]	69.0	65.0	5	For thickness 1.501-2.000 inches
					*Min[9]	71.0	63.0	3	L-T direction 29 ksi√in
					*Min[10]	68.0	59.0	2	T-L direction 26 ksi√in
									S-L direction 22 ksi√in
									For thickness 2.001-3.000 inches
									L-T direction 26 ksi√in
									T-L direction 23 ksi√in
									S-L direction 21 ksi√in
									For thickness 3.001-4.000 inches
									L-T direction 24 ksi√in
									T-L direction 21 ksi√in
									S-L direction 19 ksi√in
									For thickness 4.001-5.000 inches
									L-T direction 23 ksi√in
									T-L direction 20 ksi√in
									S-L direction 18 ksi√in

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Alloy Temper	By	Date			Basis[1]	Ult.	Yield		
									For thickness 5.001-6.000 inches L-T direction 22 ksi√in T-L direction 19 ksi√in S-L direction 17 ksi√in For thickness 6.001-6.500 inches L-T direction 22 ksi√in T-L direction 18 ksi√in S-L direction 16 ksi√in
2050-O	Constellium	12/9/2025	Plate	1.700-3.000	*Max[9] *Min[9]	35.0 -	17.0 -	- 19	*Tentative
2050-T62	Constellium	7/9/2026	Plate	1.500-2.700	*Min[9]	68.0	55.0	9	*Tentative Properties are from material that was aged in a laboratory or test furnace for response to heat treatment. <u>Stress Corrosion Resistance</u> For thickness 1.500-2.700 inches Tensile specimens machined and tested in accordance with ASTM G47 Shall show no evidence of stress corrosion failure when tested in the short transverse direction at 45 ksi and exposed for 30 days.
2050-T84	Constellium	09/21/2026	Extruded Rectangular Bar	1.000-2.000 2.001-3.000 3.001-4.000	*Min[6] *Min[9] *Min[6] *Min[9] *Min[6] *Min[9]	83.0 77.0 84.0 76.0 85.0 75.0	79.0 70.0 80.0 68.0 81.0 66.0	7 6 6 5 6 3	*Tentative Solution heat treated and cold worked 3-4.5% and artificially aged. <u>Stress Corrosion Resistance</u> For thickness 1.000-5.000 inches

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Alloy Temper	By	Date			Basis[1]	Ult.	Yield		
				4.001-5.000	*Min[6] *Min[9]	85.0 74.0	81.0 65.0	5 3	Direct Tensile specimen machined and tested in accordance with ASTM G47 shall show no evidence of stress corrosion failure when tested in the short transverse direction at 45 ksi and exposed for 30 days.
7050-T7451	AATD	08/12/2026	Plate	8.001- 9.000	Max[6] Min[9] Min[10]	68.0 68.0 65.0	58.0 56.0 53.0	6 3 3	Stress Corrosion Resistance See footnote 4b.
				9.001-10.000	Max[6] Min[9] Min[10]	67.0 67.0 64.0	57.0 54.0 52.0	6 3 3	Exfoliation Corrosion Resistance See footnote 15c. Fracture Toughness[14] – Min K_{IC} or KQ For thickness 8.001-9.000 inches L-T orientation 23 ksi√in. T-L orientation 20 ksi√in. S-L orientation 21 ksi√in. For thickness 9.001-10.000 inches L-T orientation 22 ksi√in. T-L orientation 19 ksi√in. S-L orientation 20 ksi√in.

Unless specified below, for all referenced footnotes refer to the Yellow and/or Tan Sheets as applicable.