

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

June 23, 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 | | | | | | |
| 2050-O | Constellium | 12/9/2025 | Plate | 1.700 - 3.000 | *Max ⁹ *Min ⁹ | 35.0 - | 17.0 - | - 19 | *Tentative | | | | |
| 2046-T84 | Constellium | 4/27/2026 | Plate | 0.500-1.500 | *Min ⁶ | 73.0 | 69.0 | 9 | *Tentative Solution heat treated and cold worked 3-4.5% and artificially aged. | | | | |
| | | | | | *Min ⁹ | 74.0 | 67.0 | 7 | | | | | |
| | | | | 1.501-2.000 | *Min ⁶ | 72.0 | 67.0 | 9 | <u>Stress Corrosion Resistance</u> For thickness 0.750-6.500 inches. | | | | |
| | | | | | *Min ⁹ | 73.0 | 65.0 | 6 | | | | | |
| | | | | | *Min ¹⁰ | 71.0 | 61.0 | 2 | | | | | |
| | | | | 2.001-3.000 | *Min ⁶ | 71.0 | 67.0 | 8 | Direct C-rings and 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. | | | | |
| | | | | | *Min ⁹ | 72.0 | 65.0 | 6 | | | | | |
| | | | | | *Min ¹⁰ | 71.0 | 61.0 | 2 | | | | | |
| | | | | 3.001-4.000 | *Min ⁶ | 70.0 | 66.0 | 7 | <u>Fracture Toughness¹⁴ - Min K_{IC}</u> For thicknesses 0.500-1.500 inches | | | | |
| | | | | | *Min ⁹ | 71.0 | 64.0 | 5 | | | | | |
| | | | | | *Min ¹⁰ | 70.0 | 60.0 | 2 | | | | | |
| | | | | 4.001-5.000 | *Min ⁶ | 70.0 | 66.0 | 6 | L-T direction 29 ksi/in T-L direction 29 ksi/in | | | | |
| | | | | | *Min ⁹ | 71.0 | 64.0 | 3 | | | | | |
| | | | | | *Min ¹⁰ | 69.0 | 60.0 | 2 | | | | | |
| | | | | 5.001-6.500 | *Min ⁶ | 69.0 | 65.0 | 5 | For thickness 1.501-2.000 inches L-T direction 29 ksi/in T-L direction 26 ksi/in S-L direction 22 ksi/in | | | | |
| | | | | | *Min ⁹ | 71.0 | 63.0 | 3 | | | | | |
| | | | | | *Min ¹⁰ | 68.0 | 59.0 | 2 | | | | | |
| | | | | | | | | | | | | | 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 |
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|--|----|------|---------|------------------|--------------------------|------|-------|---|----------------------|
| Registered | | | Product | Thickness in. | Tensile Strength, ksi | | | Elongation Percent in 2 in. or 4D | Remarks ² |
| Alloy Temper | By | Date | | | Basis ¹ | Ult. | Yield | | |
| | | | | | | | | 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 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 | |

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