

RAW MATERIAL SPECIFICATIONS
TYPE 321 STAINLESS STEEL SHEET

SCOPE: This raw material specification is to apply to Type 321 stainless steel sheet orders.

- 1) Material must conform to Federal Specification AMS5510. Test reports testing to compliance with this specification must accompany material.
- 2) Test reports attesting to compliance with this specification must accompany material.
- 3) Material shall be uniform in quality and condition; clean, sound, smooth, commercially flat, and free from camber, buckles, blisters, and other injurious defects within the limits consistent with the best commercial practices. Slit edge of sheet shall be burr-free. A light coat of oil that is approved for aerospace use shall be applied to the material prior to packaging.
- 4) Sheets are to be skidded and paper interleaved for protection during shipment.
- 5) Skids shall be banded with 2 x 4's on top.
- 6) Quantity tolerance shall be +-10% unless otherwise stated on the Purchase Order.
- 7) This material is procured for aerospace applications.
- 8) Thickness tolerances, unless otherwise specified, shall be per AMS2242, Table I.
- 9) Each order must be identified with material source and lot number. Multiple lot numbers skidded together must be physically separated. Absence of identification or separation will be cause for rejection.
- 10) For sheared strips, the following additional requirements apply:
 - Strips shall be packaged on skids
 - Tolerance on sheared widths to be +- .016" (1/64").
 - Maximum of .016" variation within each strip.
 - Maximum skid weight to be 1,200#.
 - Orders shall be packaged individually subject to maximum skid weight.
 - Maximum 5 set-up (scrap) pieces per order.
 - Individual lot numbers to be separated with cardboard.
 - Protection required on all exposed edges.
- 11) Perform necessary activities to eliminate counterfeit materials.

