

Alloy 3103

3000 series | Reference sheet | Data checked 14 October 2026

A manganese-family sheet alloy with an H14 reference condition. Rolled-sheet properties retain their thickness range.

Scope: Selected indicative supplier facts; specification verification remains required

This reference sheet is not a material certificate, procurement specification or source of design allowables. Values apply only to their listed form, temper and condition. Confirm current requirements with the supplier and governing standard.

Forms and tempers

Forms: Sheet

Tempers in record: H14

Selected physical properties

Density: 2730 kg/m³

Temper: Not specified | Form: Sheet | Condition: Temperature not specified; indicative supplier reference

Basis: typical | Verification: single-source | Source: aalco3103 | Checked: 2026-10-14

Selected mechanical properties

H14 | Sheet

Tensile strength	Yield / proof strength	Thickness / specimen scope
140-180 MPa	120 MPa	0.2-6.0 mm; supplier cites BS EN 485-2:2008

Condition: Supplier indicative reference; not guaranteed specification limits

Basis: indicative-range | Verification: single-source | Source: aalco3103 | Checked: 2026-10-14

Alloy 3103 / Composition and sources

Selected chemistry

No chemistry values published in this partial record.

Applications and selection guidance

Applications:

The electrical field uses a conductivity unit under a resistivity heading, so it is withheld. No exact equivalence to other manganese alloys is inferred.

Source register

aalco3103 | Aalco 3103 H14 sheet reference

Revision / access scope: Public indicative data; historical EN editions cited | Checked: 2026-10-14

https://www.aalco.co.uk/datasheets/Aluminium-Alloy-3103-H14-Sheet_298.ashx

Source facts are presented in an original editorial layout. Source publications may change; full source tables and imagery are not reproduced. This partial sheet does not imply interchangeability between alloy designations or certification of any supplied product.