

Alloy 5754

5000 series | Reference sheet | Data checked 14 October 2026

An aluminium alloy referenced in H111 sheet and treadplate contexts. Patterned material requires geometry-specific mass information.

Scope: Selected indicative supplier facts; critical specification values require independent confirmation

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: H111

Selected physical properties

Density: 2660 kg/m³

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

Basis: typical | Verification: single-source | Source: aalco5754 | Checked: 2026-10-14

Selected mechanical properties

H111 | Sheet

Tensile strength	Yield / proof strength	Thickness / specimen scope
160-200 MPa	60 MPa	0.2-6.00 mm; BS EN 485-2:2008 cited by supplier

Condition: Supplier cites historic EN edition; not an authorized standard table or certification

Basis: indicative-range | Verification: single-source | Source: aalco5754 | Checked: 2026-10-14

Alloy 5754 / Composition and sources

Selected chemistry

No chemistry values published in this partial record.

Applications and selection guidance

Applications:

The cited strength row is for sheet, not a universal patterned-plate section. For treadplate mass, specify base thickness and obtain supplier area or measured mass; raised patterns are not captured by a plain-sheet tool.

Source register

aalco5754 | Aalco 5754 sheet reference

Revision / access scope: Public indicative sheet; cites historical EN revisions; currency not guaranteed | Checked: 2026-10-14

https://www.aalco.co.uk/datasheets/Aluminium-Alloy-5754-H111-Treadplate_142.ashx

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