

5052, 5754 & 5182 Alloy | Mill Finish

ISO 9001:2008 Certified

Unless otherwise specified, alloy, temper, dimensional and bend requirements are produced in accordance with the most current edition of the **Aluminum Standards and Data**, published by *The Aluminum Association*.

Mechanical Properties

ASTM-B209			
Alloy	UTS (ksi)	YTS (ksi)	E% min
5052-O	25.0 - 31.0	9.5 min	.032" - .050" 18% .051" - .113" 19% .114" - .125" 20%
5052-H111	25.0 - 31.0	9.5 min	.032" - .050" 18% .051" - .113" 19% .114" - .125" 20%
5052-H32	31.0 - 38.0	23.0 min	.032" - .050" 5% .051" - .113" 7% .114" - .125" 9%
5052-H34	34.0 - 41.0	26.0 min	.032" - .050" 4% .051" - .113" 6% .114" - .125" 7%
5052-H36	37.0 - 44.0	29.0 min	.032" - .125" 4%
5052-H38	39.0 min	32.0 min	.032" - .128" 4%
5052-H291	42.0 min	35.0 min	.032" - .063" 3%
5754-O & H111	29.0 - 39.0	12.0 min	.032" - .055" 17% .056" - .087" 18% .088" - .125" 19%
5754-H22	31.9-39.1	18.8 min	.032" - .059" 8% .060" - .118" 10% .119" - .125" 11%
5182-O & H111	37.0 - 47.0	16.0 min	.032" - .100" 18%

DIN EN 485-2			
Alloy	UTS (ksi)	YTS (ksi)	E% min
5754-O & H111	27.6 - 34.8	11.6 min	.032" - .059" 14% .060" - .118" 16% .119" - .125" 18%
5754-H22	31.9 - 39.1	18.8 min	.032" - .059" 8% .060" - .118" 10% .119" - .125" 11%
5182-O & H111	37.0 - 45.6	16.0 min	.032" - .059" 12% .060" - .118" 13%
5182-H19	55.1 min	46.4 min	1%

Above information indicates standard availability. Please review notes below for any additions or variations.

- 1) 1/2 commercial gauge tolerances are available.
- 2) All other unregistered tempers subject to inquiry including O temper outside of the specified range. Special "P" tempers will generally be available but are subject to inquiry.
- 3) Minimum order 10,000 lbs. Lesser quantities are subject to inquiry.
- 4) Maximum OD is 70".
- 5) Standard ID is 20".

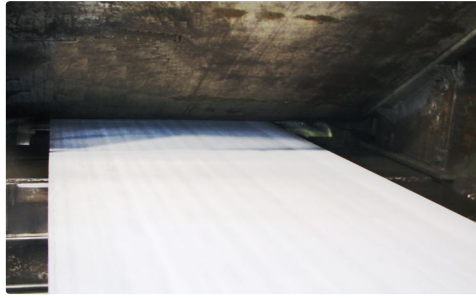
All coil and sheet will receive an application of protective oil to prevent scratching and water stain unless specified on the order. Orders that specify dry O-temper sheet will likely have some light cosmetic factors to consider.

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Vulcan Aluminum Mill

From Melting, To Rolling, To Slitting...

We Control Quality From Start To Finish!



Our Capabilities

5052 & 5754 Aluminum Slit Coil, Multi-Cut Coils, Sheets & Blanks

- 5052 Tempers: O, H111, H32, H34, H36, H38, H291
- 5754 Tempers: O, H111, H22
- Gauges: .032" to .130"
- Width: 3" to 49"

5182 Aluminum Slit Coil, Multi-Cut Coils, Sheets & Blanks

- 5182 Tempers: O, H111, H119
- Gauges: .032" - .100"
- Width: 3" to 29"



For 5052 or 5754 Alloy specifications outside our gauge and width ranges listed, please inquire.

- Coils are produced in compliance with the chemical & mechanical property requirements of The Aluminum Association
- Automatic gauge controls on the rolling mill ensure uniform thickness of material
- All tempered Coils are tension-leveled and cleaned prior to shipment
- Ability to customize the rolling practice, to meet your formability requirements

Additional Capabilities

- Cut-To-Length
- Toll Processing
- Stamping
- Laser Cutting
- Painted Coil

