

**5182 Alloy | Mill Finish | Metric**

**ISO 9001:2008 Certified**

| Thickness     | Minimum Width | Maximum Width | Tempers      |
|---------------|---------------|---------------|--------------|
| 0.81 - 3.18mm | 76mm          | 736mm         | O, H111, H19 |

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*, unless otherwise specified.

## Mechanical Properties

| Alloy         | UTS (ksi)   | YTS (ksi)   | Min. Elong.       |
|---------------|-------------|-------------|-------------------|
| 5182-O & H111 | 255-324 MPa | 110 MPa min | 0.81 - 3.18mm 18% |
| 5182-H19      | 379 MPa     | 317 Mpa min | 0.81 - 3.18mm 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 4500 kg. Lesser quantities are subject to inquiry.
- 4) Maximum OD is 1778mm.
- 5) Standard ID is 508mm.

*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.*