

Datasheet

## RS Pro 316 Stainless Steel Sheet, 500mm x 300mm x 0.5mm

RS Stock No: **559-199**



### Product Details

RS Pro stainless steel sheet measures 500 mm x 300 mm x 0.5 mm, which is highly resistant to corrosion due to its molybdenum content. This is non-magnetic and suitable for applications such as photographic, food, chemical and marine equipment. It is used particularly in the chemical and allied industries, especially in conditions of pit-type corrosion.

### Features and Benefits

- Properties C = 0.08 maximum, Ni 12.0, Cr17, Mo 2.25
- Related specifications AS2837-1986-316, AISI TYPE 316, ASTM A276-316
- 16.3 W/m at 100°C thermal conductivity
- 316 stainless steel construction
- Comes in silver colour

**Specifications:**

Adhesive Backing	No
Colour	Silver
Hardness	95 HB
Material	316 Stainless Steel
Density	8 g/cm <sup>3</sup>
Length	500 mm
Thermal Conductivity	16.3 W/mK at 100°C
Thickness	0.5 mm
Width	300 mm
Tensile Strength	515 MPa