



Datasheet

ENGLISH

RS Pro 316L Stainless Steel Tube, 1800mm x 1/4in OD x 18SWG

Stock No: 484-5740



Product Details

RS Pro stainless steel tube has 1/4 in outer diameter, 18 SWG thickness and is 1800 mm long. It 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. The low carbon version of 316 quality stainless steel offers added resistance to weld decay.

Features and Benefits

- Imperial supplied in 72 in lengths
- Metric supplied in 2000 mm lengths
- Maximum working temperature +300°C
- Properties increased by cold working
- Properties C = 0.03 maximum, Ni 12.0, Cr17, Mo 2.25
- Seamless tube to ASTM A269/213
- Related specifications AS2837-1986-316L, BS970-316 S11 and S13, AISI TYPE 316L
- 316L stainless steel material



ENGLISH

Specifications:

Hardness	95 HB
Material	316L Stainless Steel
Density	8 g/cm ³
Height	1/4 in
Length	1800 mm
Outer Diameter	1/4 in
Thermal Conductivity	16.3 W/mK at 100°C
Thickness	18 SWG
Tensile Strength	485 N/mm ²
Form	Rod
Maximum Operating Temperature	+300°C