



# Stainless Steel Wire



View our corporate video:  
[www.stainlessband.co.uk/pages/videos](http://www.stainlessband.co.uk/pages/videos)

## Sizes and Grades

Available in SS304 (1.4301) and 316 (1.4401) annealed condition diameter 0.8 - 2.0mm x coil weight of 10kg to 15kg.

- High strength.
- Excellent anti-corrosion property.
- Flexible, easy to use and many applications.

## Used In

- Lacing and Tie Wire.
- Tying of building materials and other purposes in construction industry.
- Securing of carton and wooden boxes.
- Weaving of wire mesh.
- Spring manufacture.



## Chemical Specifications

### Chemical Composition of AISI 304 (Max):

| C%   | Si%  | Mn%  | P%    | S%   | Cr%           | Ni%          |
|------|------|------|-------|------|---------------|--------------|
| 0.08 | 1.00 | 2.00 | 0.045 | 0.03 | 18.00 - 20.00 | 8.00 - 10.50 |

Chemical composition according to  
ASTM / EN spec.

### Chemical Composition of AISI 316L:

| Type | C%   | Si%  | Mn%  | P%    | S%   | Ni%   | Cr%   | Mo%  | N%    |
|------|------|------|------|-------|------|-------|-------|------|-------|
| Min. | -    | -    | -    | -     | -    | 10.00 | 16.00 | 2.00 | -     |
| Max. | 0.03 | 0.75 | 2.00 | 0.045 | 0.03 | 14.00 | 18.00 | 3.00 | 0.100 |

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