

Stainless steel rope specification

Material type: AISI Type 316

Available sizes

- 3mm, 316, 7 x 19 strand
- 4mm, 316, 7 x 19 strand

These are sold in per metre and 305 metre reel quantities.

Material notes

- High creep strength at elevated temperatures
- Good heat resistance
- Biocompatible
- Resistant to marine environments due to Molybdenum content

Resistant to

- Sodium and calcium brines
- Hypochlorite solutions
- Phosphoric acid
- Sulphite liquors
- Sulphurous acids used in pulp industries

This product is suitable for a wide range of applications from food and pharmaceutical product handling to marine exterior trimming and handling corrosive process chemicals. This product is also suitable for outdoor environments such as the balustrading for decking or for applications in the home.

Material Composition

Component	Wt. %
Carbon	0.08
Chromium	Max 18
Iron	62
Manganese	2
Molybdenum	Max 3
Nickel	Max 14
Phosphorous	0.045
Sulphur	0.03
Silicon	1