

# STAINLESS STEEL 7 X 19

## TECHNICAL DATA SHEET

**Stainless Steel 7×19 wire rope is a highly flexible construction consisting of seven strands, each made up of nineteen individual wires.**

This configuration provides excellent handling characteristics, allowing the rope to bend easily around sheaves, drums, and pulleys without compromising performance. Compared to stiffer constructions, 7×19 offers superior flexibility and fatigue resistance, making it ideal for applications involving repeated movement and dynamic loading.

Manufactured from **marine-grade AISI 316 stainless steel**, 7×19 wire rope delivers strong resistance to corrosion in harsh marine and outdoor environments. Its design distributes stress across a high number of smaller wires, improving durability under cyclic use. While it is not intended for high-rigidity or structural applications, it is widely regarded as a dependable and practical solution where flexibility, ease of handling, and long service life are key requirements. **In-house swaging and splicing services are available**, allowing for customised lengths and terminations to suit specific project requirements.

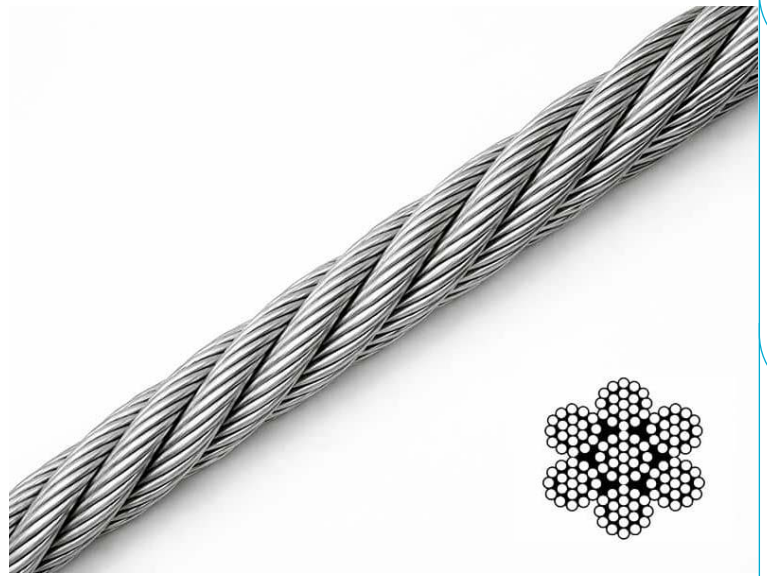
### Applications

- Running rigging (halyards, sheets, control lines)
- Winch lines and drum applications
- Marine and offshore control cables
- Garage door and mechanical cables
- Shade sail and light architectural tensioning systems
- Gym equipment and pulley-based systems
- General-purpose marine and outdoor applications requiring flexibility

All Ocean Force wire rope is manufactured in accordance with ISO 9001 Quality Management System standards, ensuring consistent quality and traceability across all products.

All wire rope can be supplied with full mill certification, including product specifications, chemical composition, verified minimum breaking load, and country of manufacture (Korea).

Available for supply by the metre, 100m or 305m spool to suit project requirements.



### Specifications

Product Code	Diameter (mm)	Approx Weight (Kg/100m)	Min Break Load (Kg)	WLL (Kg)
WRS7X19/04	4	6.1	960	22.6
WRS7X19/05	5	9.5	1490	34.7
WRS7X19/06	6	13.8	2150	57.2
WRS7X19/08	8	24.3	3820	80.1
WRS7X19/10	10	38.1	5106	125.1
WRS7X19/12	12	54.8	7350	180.1
WRS7X19/14	14	80.1	11692	239.1
WRS7X19/16	16	102.4	14460	312.3

Measurements in tables may vary between different models. Ocean Force strives to ensure accuracy but encourages customers to contact us with any questions.

