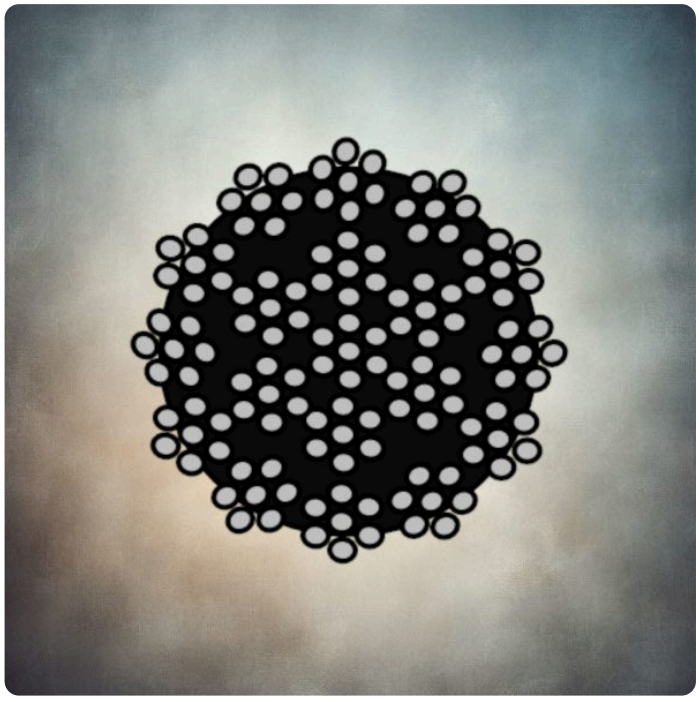
19×7 Rotation-Resistant Wire Rope

Conforms to EN 12385-4

Rotation-Resistant Wire Rope

Our 19×7 rotation-resistant wire rope, conforming to EN 12385-4, is constructed from 19 strands, each containing 7 individual wires, spun around a central core. This type of construction ensures that the rope is far less likely to spin under load than a conventional rope, such as 6×19.

This rope is available in two finishes: **Galvanised Steel** (1960 N/mm²) for excellent corrosion resistance in general applications, and **AISI 316 Grade Stainless Steel** (1570 N/mm²) for superior corrosion protection in harsh marine or chemical environments. It is ideal for single-fall lifting applications or any situation where a spinning load would be hazardous or problematic.



Technical Specifications & Minimum Breaking Loads

The following table outlines the key specifications for our range of 19×7 wire rope, including diameter, weight, and Minimum Breaking Load (MBL) for both Galvanised and Stainless Steel options.

Diameter (mm)	Approx. Mass (kg/m)	Galvanised 1960 N/mm²		Stainless 1570 N/mm²	
		MBL (kN)	MBL (kg)	MBL (kN)	MBL (kg)
3.00	0.036	5.79	590	4.63	472
4.00	0.064	10.29	1049	8.24	840
5.00	0.100	16.07	1639	12.87	1312

Diameter (mm)	Approx. Mass (kg/m)	Galvanised 1960 N/mm²		Stainless 1570 N/mm²	
		MBL (kN)	MBL (kg)	MBL (kN)	MBL (kg)
6.00	0.144	23.10	2356	18.50	1886
7.00	0.197	31.50	3212	25.20	2570
8.00	0.257	41.10	4191	33.00	3365
9.00	0.325	52.10	5313	41.70	4252
10.00	0.401	64.30	6557	51.50	5252
11.00	0.485	77.80	7933	62.30	6353
12.00	0.577	92.60	9443	74.20	7566
13.00	0.678	108.60	11074	87.00	8872
14.00	0.786	126.00	12848	100.90	10289
16.00	1.026	164.60	16785	131.80	13440

Disclaimer: The information provided is for guidance and reference purposes only. The Minimum Breaking Load (MBL) should never be considered a safe working load. A suitable factor of safety (FOS) must be applied by a competent person to determine the safe working load for any given application. All lifting equipment should be thoroughly inspected before each use. Deacon Products assumes no liability for the misuse or misapplication of this information or our products.