7×19 WSC Wire Rope

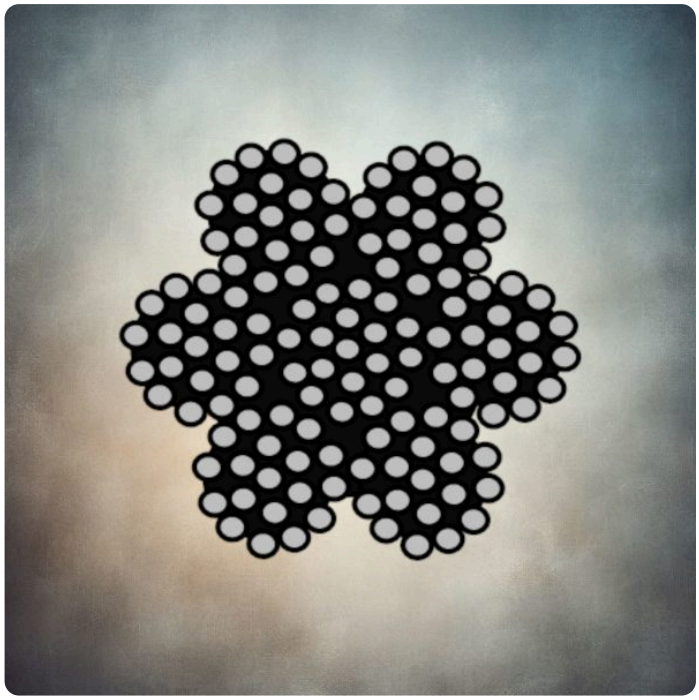
Conforms to EN 12385-4

Flexible Wire Rope

Our **7×19 WSC** wire rope, conforming to EN 12385-4, consists of 7 strands, each with 19 wires, laid around a wire strand core (WSC). This construction offers high flexibility and good fatigue resistance, making it an excellent choice for applications requiring frequent bending over sheaves and pulleys, such as control cables and running rigging.

This rope is available in two finishes: **Galvanised Steel** (1960 N/mm²) for corrosion protection, and **AISI 316 Grade Stainless Steel** (1570 N/mm²) for superior resistance in demanding environments. It is supplied with a Right Hand Ordinary Lay (RHOL).





Technical Specifications & Minimum Breaking Loads

The following table outlines the key specifications for our range of 7×19 WSC 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)
1.50	0.008	-	-	1.28	130
2.00	0.015	2.84	290	2.27	231
2.50	0.024	4.43	452	3.55	362
3.00	0.034	6.39	652	5.12	522

Diameter (mm)	Approx. Mass (kg/m)	Galvanised 1960 N/mm²		Stainless 1570 N/mm²	
		MBL (kN)	MBL (kg)	MBL (kN)	MBL (kg)
4.00	0.061	11.35	1157	9.09	927
5.00	0.095	17.74	1809	14.21	1449
6.00	0.137	25.50	2600	20.50	2090
7.00	0.187	34.80	3549	27.80	2835
8.00	0.244	45.40	4630	36.40	3712
9.00	0.309	57.50	5863	46.00	4691
10.00	0.381	71.00	7240	56.80	5792
11.00	0.461	85.90	8759	68.80	7016
12.00	0.549	102.20	10421	81.80	8341
13.00	0.644	119.90	12226	96.00	9789
14.00	0.747	139.10	14184	111.40	11360
16.00	0.975	181.60	18518	145.50	14837

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.