

# PRODUCT DATA

## 316 Stainless EN12385 Wire Ropes

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Stranded stainless steel wire is available in a range of configurations and diameters to provide balance between strength and flexibility.

### Applications

- Infrastructure projects
- Catenary systems/overhead lines
- Guardrail/balustrades/barriers
- Landscaping/cable trellis

### Chemical Composition as per ISO3506-1 Table 1 (A4)

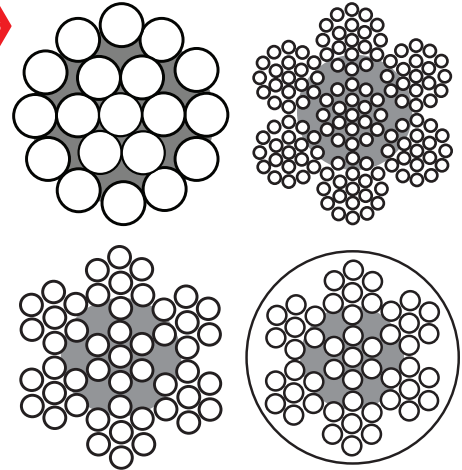
**Material****A4**

316 Stainless

**Finish****316**

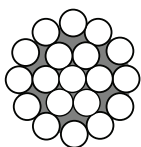
316 Stainless

316



### Wire Rope 1 x 19

Part	Construction	Length (m)	Diameter (mm)	Breaking Load (kN)	Tensile Strength (N/mm <sup>2</sup> )
HRW1611901.0	1x19	305	1.0	0.82	1,570
HRW1611901.2		305	1.2	1.19	
HRW1611901.6		305	1.6	2.11	
HRW1611902.0		305	2.0	3.30	
HRW1611902.5		305	2.5	5.15	
HRW1611903.20100		100	3.2	8.44	
HRW1611903.2		305	3.2	8.44	
HRW1611903.21000		1000	3.2	8.44	
HRW1611904.0		305	4.0	13.18	
HRW1611905.0		305	5.0	20.60	
HRW1611906.0		305	6.0	29.66	
HRW1611910.0		305	10.0	82.41	

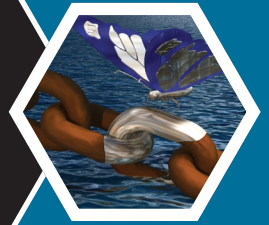


► Balustrade application

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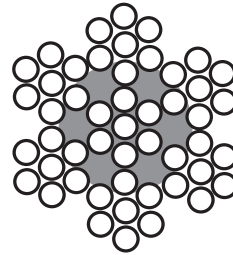
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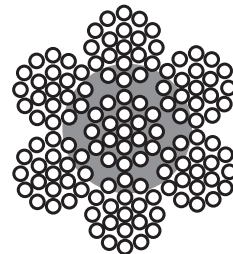
### Wire Rope 7 x 7

Part	Construction	Length	Diameter	Breaking Load	Tensile Strength
		(m)	(mm)	(kN)	(N/mm <sup>2</sup> )
HRW1670700.6	7x7	305	0.6	0.20	1,570
HRW1670700.8		305	0.8	0.36	
HRW1670701.0		305	1.0	0.56	
HRW1670701.2		305	1.2	0.81	
HRW1670701.6		305	1.6	1.44	
HRW1670702.0		305	2.0	2.26	
HRW1670702.5		305	2.5	3.53	
HRW1670703.2		305	3.2	5.78	
HRW1670703.20100		100	3.2	5.78	
HRW1670703.21000		1000	3.2	5.78	
HRW1670704.0		305	4.0	9.02	
HRW1670705.0		305	5.0	14.10	
HRW1670706.0		305	6.0	20.30	
HRW1670712.0		305	12.0	81.18	



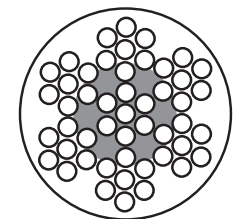
### Wire Rope 7 x 19

Part	Construction	Length	Diameter	Breaking Load	Tensile Strength
		(m)	(mm)	(kN)	(N/mm <sup>2</sup> )
HRW1671902.0	7x19	305	2.0	2.28	1,570
HRW1671902.5		305	2.5	3.56	
HRW1671903.2		305	3.2	5.83	
HRW1671903.21000		1000	3.2	5.83	
HRW1671904.0		305	4.0	9.10	
HRW1671905.0		305	5.0	14.23	
HRW1671906.0		305	6.0	20.48	
HRW1671908.0		305	8.0	36.42	
HRW1671910.0		305	10.0	56.90	



### White PVC Coated Wire Rope 7 x 7

Part	Construction	Length	Diameter	Breaking Load	Tensile Strength
		(m)	(mm)	(kN)	(N/mm <sup>2</sup> )
HRW16707P04.0	7x7	305	4.0	9.02	1,570



This product is not rated for lifting.

Breaking loads provided are the minimum for the wire construction and do not account for reductions due to swaging of the wire. A typical reduction of 10% shall be used for any swaged terminations.

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