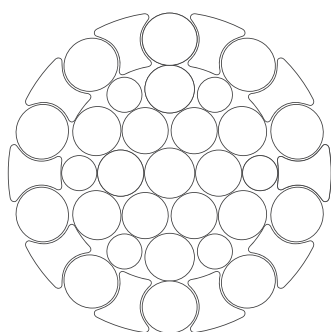


Half Lock Coil, X-Lock

The precision guidance rope with long service life.

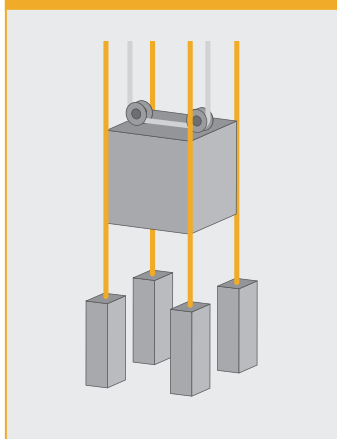
Half Lock Coil, X-Lock is a non-rotating, low stretch, high strength rope that is designed for use as a guide rope in deep mine shafts. The smooth and closed outer surface reduces friction and increases resistance to the ingress of dirt particles.



Advantages:

- High service life
- Easy installation
- Precision engineering
- Cost effective








Applications:



HLC X-LOCK/2018/v1.0

Diameter		Weight		Minimum breaking load		
mm	inch	kg/m	lbs/ft	980 MPa	1080 MPa	1370 / 1180 MPa
29	1" 1/8	4.64	3.12	494	542	631
30	-	5.00	3.36	531	582	678
31	-	5.37	3.61	568	623	726
32	1" 1/4	5.74	3.86	607	666	775
33	-	6.13	4.12	646	709	826
34	-	6.52	4.38	687	754	878
35	1" 3/8	6.92	4.65	729	800	931
36	-	7.33	4.92	772	847	986
37	-	7.74	5.20	816	895	1042
38	1" 1/2	8.17	5.49	861	945	1100
39	-	8.60	5.78	907	995	1159
40	-	9.05	6.08	955	1047	1219
41	1" 5/8	9.50	6.38	1003	1100	1281
42	-	9.96	6.69	1052	1155	1344
43	-	10.42	7.00	1103	1210	1409
44	1" 3/4	10.90	7.32	1154	1267	1474
45	-	11.38	7.65	1207	1324	1542
46	-	11.88	7.98	1261	1383	1610
47	-	12.38	8.32	1316	1443	1680
48	1" 7/8	12.89	8.66	1372	1505	1752
49	-	13.41	9.01	1429	1567	1825
50	-	13.93	9.36	1487	1631	1899
51	2"	14.47	9.72	1546	1696	1974
52	-	15.01	10.09	1606	1762	2051

Half Lock Coil, X-Lock wire rope properties

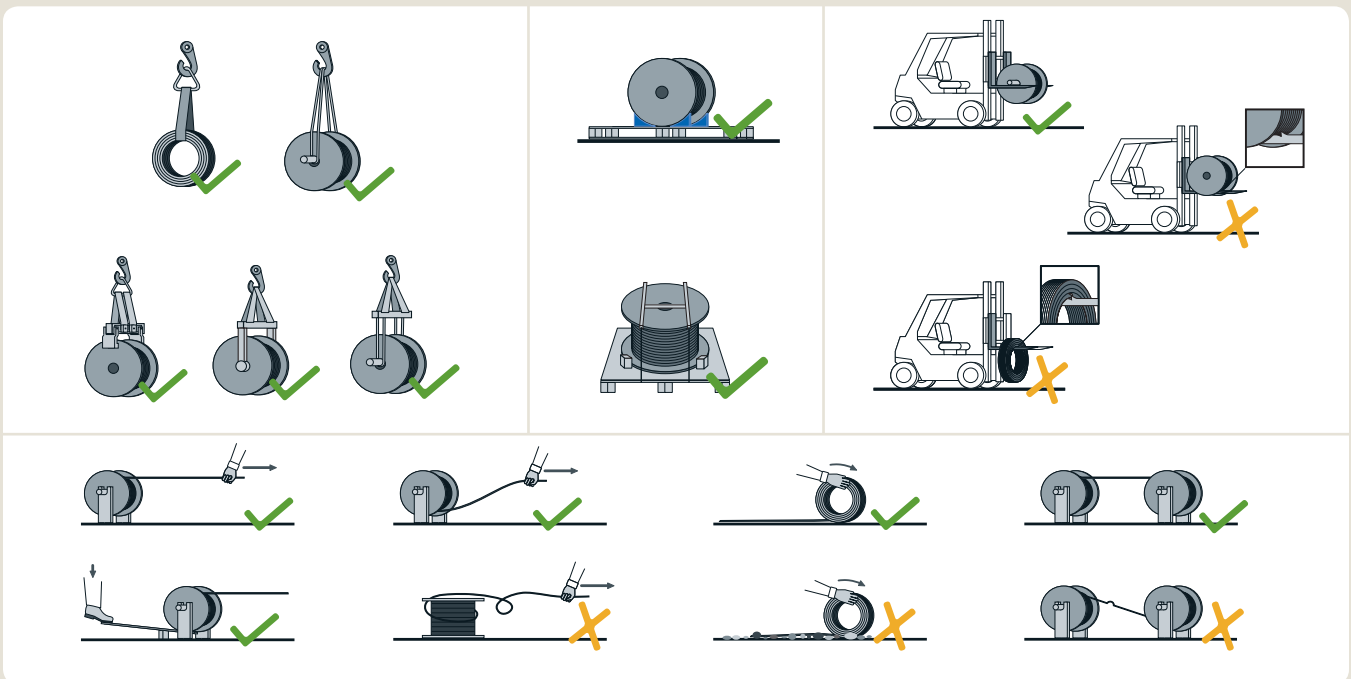
Standard Properties					
	Rotation Resistance	Stretch Resistant			
On Demand					
	Bright Wire	Galvanised Wire	Corzal [®] Wire	Electromagnetic Inspection	Right/Left Hand Lay

Storage and maintenance

The rope must be adequately maintained and regularly lubricated, as often as it is necessary, but at least when the rope works in extreme conditions and before/after prolonged inactivity. The lubricant must be compatible with the original grease. Before re-lubrication, the wire rope must be dry and cleaned by scraping. Cleaning by cloth, cryogenic spray, high pressure cleaner and solvents are forbidden.

When stored, the rope should be kept in a dry and ventilated environment with no direct contact with the floor and an air flow under the reel. Visual inspection is necessary before the use of a stored wire rope. In case of doubt of the quality of the wire rope, we can help you to find and make additional inspection analysis.

EWRIS handling recommendations



The diagrams illustrate various handling scenarios for wire rope coils. Green checkmarks indicate correct practices, while orange X marks indicate incorrect practices. Correct practices include: using proper lifting techniques with slings and hooks; stacking coils on pallets with air flow underneath; using forklifts to move coils without dropping them; and using rollers to move coils on the ground. Incorrect practices include: dropping coils; stacking coils directly on the floor; using forklifts to lift coils from the side; and dragging coils on the ground.

At all times, contact of the rope with any metallic pieces should be avoided to prevent early damage.



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