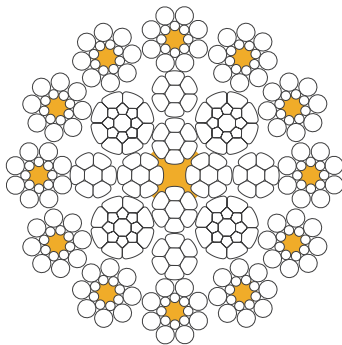


# Klondike®

A new breed of non-rotating rope engineered for more aggressive, deep shaft mining environments.

Klondike® is a hybrid rope that combines the fatigue proofed Notorplast® with compacted strand technology. Strong and efficient, Klondike® integrates several innovations that are key to performance, safety and longevity. The outer strand structure is highly adaptable to friction sheaves, even in the case of very difficult hoists (fleet angles or high dynamic effects) providing a low and even tread pressure on linings. The combination of compacted strands and polypropylene and textile inserts, decrease internal stresses and improve MBL and fatigue resistant properties.

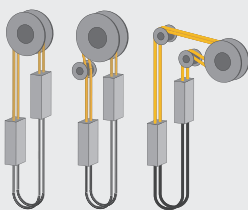
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## Advantages:

- › Higher strength performance
- › Low stretch, higher stability
- › Higher fatigue performance

## Applications:



Diameter		Weight		Minimum breaking load			
mm	inch	kg/m	lbs/ft	1570 MPa	1960 MPa	2060 MPa	2160 MPa
36	-	5.69	3.83	787	976	1024	1073
37	-	6.03	4.05	834	1035	1087	1138
38	1" 1/2	6.37	4.28	883	1095	1150	1204
39	-	6.71	4.51	931	1155	1213	1270
40	-	7.06	4.74	980	1216	1276	1337
41	1" 5/8	7.42	4.98	1029	1277	1341	1404
42	-	7.78	5.23	1079	1339	1406	1472
43	-	8.15	5.47	1130	1402	1472	1541
44	1" 3/4	8.52	5.73	1181	1466	1539	1611
45	-	8.90	5.98	1233	1530	1607	1683
46	-	9.29	6.24	1287	1596	1676	1755
47	-	9.69	6.51	1341	1663	1746	1829
48	1" 7/8	10.10	6.78	1396	1732	1818	1904
49	-	10.51	7.06	1452	1802	1891	1981
50	-	10.94	7.35	1510	1873	1966	2059
51	2"	11.37	7.64	1568	1946	2043	2140
52	-	11.81	7.94	1629	2021	2121	2222
53	-	12.27	8.24	1690	2097	2202	2306
54	2" 1/8	12.73	8.55	1754	2176	2284	2392
55	-	13.21	8.87	1819	2256	2369	2481
56	-	13.69	9.20	1885	2339	2455	2572
57	2" 1/4	14.19	9.54	1954	2424	2544	2665
58	-	14.70	9.88	2024	2511	2636	2761
59	-	15.22	10.23	2096	2601	2730	2859
60	2" 3/8	15.76	10.59	2170	2693	2827	2961
61	-	16.31	10.96	2247	2788	2926	3065
62	-	16.87	11.34	2325	2885	3029	3172
63	-	17.45	11.72	2406	2985	3134	3282
64	2" 1/2	18.04	12.12	2489	3089	3242	3396

## Klondike® wire rope properties

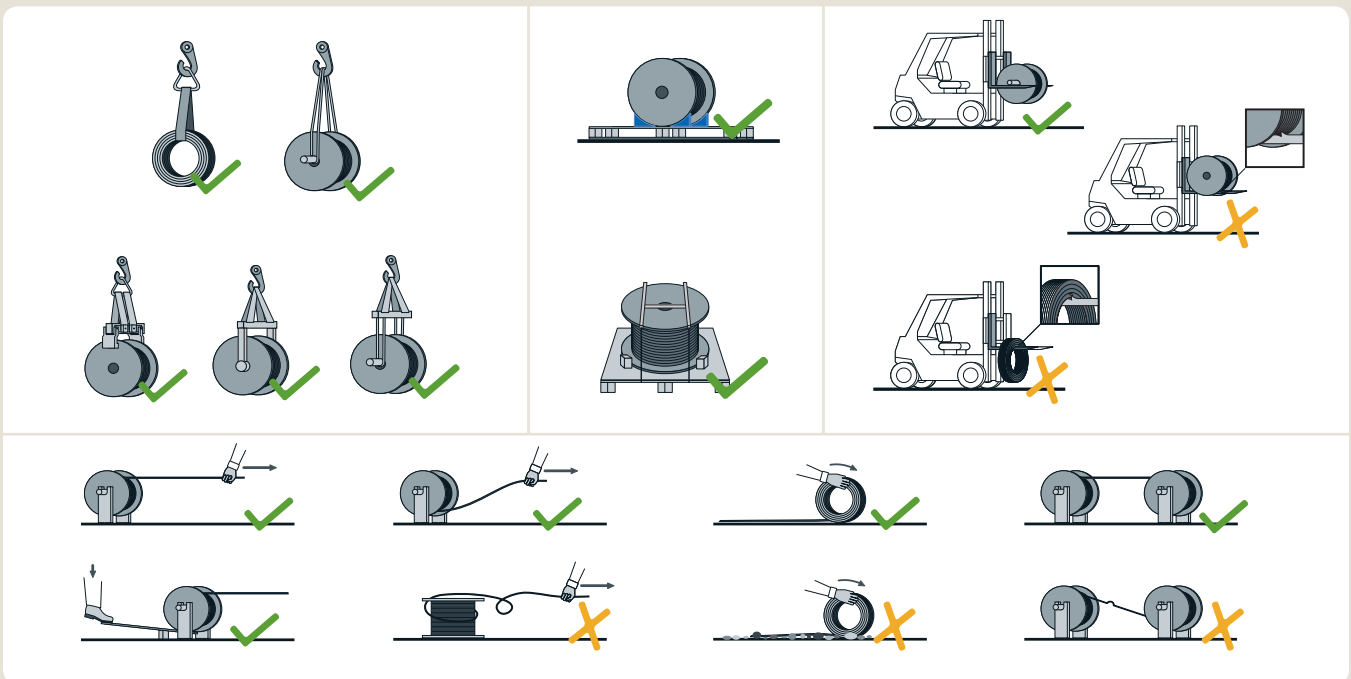
Standard Properties	 Lubrication	 Rotation Resistance	 Stretch Resistant	 Pre-Shaped	 Plastic Inserts	 Lang Lay Rope
On Demand	 Bright Wire	 Galvanised Wire	 Corzal® Wire	 Electromagnetic Inspection	 Regular Lay Rope	 Right/Left Hand Lay

## 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. Green checkmarks indicate correct practices, while orange X marks indicate incorrect practices. Key recommendations include:
 

- Use proper lifting techniques with slings and hooks.
- Stack reels on pallets with adequate support.
- Use forklifts to move reels, ensuring they are balanced and supported.
- Avoid dragging reels on the ground.
- Prevent sharp bends and contact with metallic surfaces.

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



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## High performance Mining Ropes for the most demanding environments

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