Non-Rotational 35X7 Compacted 2160 Grade IWRC Wire Rope

CATALOG (SKU) NUMBER: 35X7

- The 35X7 class wire rope is a non-rotaional wire rope. It is mostly used for main and auxiliary hoist lines in mobile and tower crane applications. The highest avialable rotation-resistant wire rope on the market, it is excellent for all single and multiple line reeving applications. Designed to be used with a swivel.
- The 35X7 class wire rope offers the highest rotation-resistance by laying 12 strands around a core in one direction and 16 strands around the first set of strands in the opposite direction. When under tension, the opposing rotational forces work in tandem to create the highest avaialble rotation-resistance.
- Using a lang lay construction it reduces interlocking while spooling onto multiple layer drums as well as interstrand and interlayer knicking.
- The 2160 grade 35X7 is the highest strength per strand avialable.
- Also avialable in millimeter sizes.
- Manufactured in accordance with RR-W-410 standards.
- Mill test certifications available upon request.
- Nominal breaking strengths slightly vary by manufacturer.
- Most sizes available in import and domestic.



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Product Specifications

NON-ROTATIONAL 35X7 COMPACTED 2160 GRADE IWRC		
SIZE (IN)	APROXIMATE WEIGHT PER FOOT (LBS)	BREAKING STRENGTH (LBS)
7/16	0.410	26,600
1/2	0.550	35,600
9/16	0.700	45,000
5/8	0.880	56,400
3/4	1.240	79,400
7/8	1.690	108,400
1	2.210	142,000
1-1/8	2.800	179,800
1-1/4	3.510	225,000
1-3/8	4.200	269,200
1-1/2	4.950	317,200