

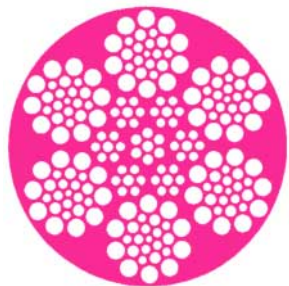
Rope Characteristics

- *Infused with a specially designed polymer*
- *Recommended for numerous hoisting and other applications where standard wire ropes and 6-Pac are respectively used*
- *Improve fatigue and abrasion resistance of rope*
- *Enhance resistance to multilayer drum crushing*
- *Are clean handling*
- *Extend drum and sheave service life*



BXL™

- Recommended for use where any standard wire rope is used and enhanced abrasion and fatigue resistance are required
- Available in both EIP and EEIP grades, in a wide variety of constructions in both the 6x19 and 6x37 Classifications
- Offered in right and left regular and Lang lays
- Manufactured with an IWRC



Skybrite®

- Recommended solely for choker ropes used in helicopter logging operations
- Manufactured right regular lay in a 6x26 IWRC construction in EIP grade
- Fluorescent pink for high visibility



6-Pac BXL™

- Recommended for use as a boom hoist and other applications where rope is subjected to heavy use or extreme conditions and enhanced fatigue and abrasion resistance are required
- Manufactured right regular lay in 6x19 and 6x37 Classification constructions, depending upon diameter
- Provides improved resistance to fatigue, abrasion and drum crushing
- Offers excellent flexibility

Plastic-infused Wire Ropes

Please note: The strengths listed in the table for BXL reflect only the 6x19 and 6x37 Classes, EIP grade. Plastic-infusion may be added to many products, excluding rope designs in which the rope itself is compacted. For additional information, please contact WW's Customer Service Department.

ROPE DIAMETER		APPROX. WEIGHT (lb./ft.)			NOMINAL STRENGTH (tons)*		
inches	mm.	BXL	Skybrite	6-Pac BXL	BXL	Skybrite	6-Pac BXL
3/8	9.5	0.27	0.27	--	7.5	7.5	--
7/16	11.0	0.37	0.37	--	10.2	10.2	--
1/2	13.0	0.49	0.49	0.513	13.3	13.3	15.5
9/16	14.5	0.61	0.61	--	16.8	16.8	--
5/8	16.0	0.76	0.76	0.826	20.6	20.6	22.7
3/4	19.0	1.09	1.09	1.224	29.4	29.4	32.3
7/8	22.0	1.49	--	1.608	39.8	--	43.8
1	26.0	1.94	--	2.154	51.7	--	56.9
1-1/8	29.0	2.46	--	2.672	65.0	--	71.5
1-1/4	32.0	3.03	--	3.214	79.9	--	87.9
1-3/8	35.0	3.67	--	3.905	96.0	--	106.0
1-1/2	38.0	4.37	--	4.529	114.0	--	125.0
1-5/8	41.3	5.12	--	--	132.0	--	--
1-3/4	45.5	5.94	--	--	153.0	--	--
1-7/8	48.0	6.82	--	--	174.0	--	--
2	52.0	7.76	--	--	198.0	--	--
2-1/8	54.0	8.77	--	--	221.0	--	--
2-1/4	58.0	9.83	--	--	247.0	--	--
2-3/8	60.0	10.90	--	--	274.0	--	--
2-1/2	64.0	12.20	--	--	302.0	--	--

*Acceptance strength is not less than 2-1/2% below the nominal strengths listed. Tons of 2,000 lbs.



Wire Rope Works, Inc.
 manufacturer of Bethlehem Wire Rope®

100 Maynard Street
 Williamsport Pennsylvania 17701 USA
 telephone: 570-326-5146 facsimile: 570-327-4274
www.wireropeworks.com



Wire rope products will break if abused, misused or overused. Consult industry recommendations and OSHA Standards before using. Wire Rope Works, Inc. warrants all Bethlehem Wire Rope® and Strand products. However, any warranty, expressed or implied as to quality, performance or fitness for use of wire rope products is always premised on the condition that the published breaking strengths apply only to new, unused rope, that the mechanical equipment on which such products are used is properly designed and maintained, that such products are properly stored, handled, used and maintained, and properly inspected on a regular basis during the period of use. Manufacturer shall not be liable for consequential or incidental damages or secondary charges including but not limited to personal injury, labor costs, a loss of profits resulting from the use of said products or from said products being incorporated in or becoming a component of any product. Wire Rope Works, Inc. © 2010

Bethlehem Wire Rope®

