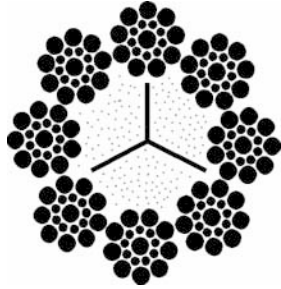


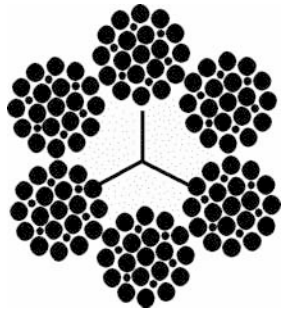
## Rope Characteristics

- Offer a wide range of constructions and diameters
- Manufactured predominantly with a natural fiber core
- Produced using softer grades of steel than ropes used in other markets
- Provide an average service life of eight to ten years



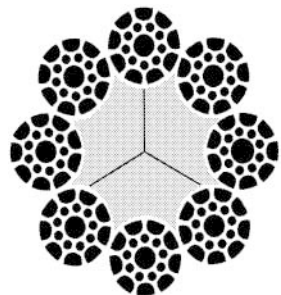
### 8x19 Classification

- Widely used in all elevator rope applications – hoist, compensating, governor, control, counterweight and car drum ropes
- Manufactured in Iron, Traction, Extra High Strength Traction grades
- Available in the following constructions:
  - 8x19 Warrington
  - 8x19 Seale (shown)
  - 8x21 Filler Wire
  - 8x25 Filler Wire
- Produced in right regular and Lang lays
- Manufactured with a natural fiber core



### 6x19 Classification

- Specified in some hoist, compensating and governor rope applications
- Manufactured in Iron, Traction, Extra High Strength Traction grades
- Available in the following constructions:
  - 6x19 Warrington
  - 6x25 Filler Wire (shown)
- Produced in right regular and Lang lays
- Manufactured with a natural fiber core



### Liftpac

- Recommended for use wherever elevator hoist ropes exhibit short service life due to adverse operating conditions (e.g. high groove pressures or loads, reverse bends) and/or fatigue breakage with minimal surface wear is the primary factor for rope retirement
- Manufactured in Traction and Extra High Strength Traction grades in an 8x19 Seale right Lang lay fiber core construction
- Produced with compacted strands
- Available in 3/8", 1/2" and 5/8" diameters

# Elevator Wire Ropes

For information on other diameters, constructions, lay and cores not listed below, please contact WWW's Customer Service Department.

ROPE DIAMETER		APPROXIMATE WEIGHT (lb./ft.)			NOMINAL STRENGTH (tons)*							
inches	mm.				6x19 CLASS			8x19 CLASS			LIFTPAC	
		6x19 Class	8x19 Class	Liftpac	Extra High Traction	Traction Steel	Iron	Extra High Traction	Traction Steel	Iron	Extra High Traction	Traction Steel
1/4	6.5	0.10	0.09	--	2.6	1.8	1.1	2.25	1.80	.90	--	--
5/16	8.0	0.16	0.14	--	4.1	2.8	1.6	3.45	2.80	1.45	--	--
3/8	9.5	0.23	0.20	0.23	5.8	4.1	2.5	4.95	4.10	2.10	5.5	4.5
7/16	11.0	0.31	0.28	--	7.9	5.5	3.2	6.75	5.50	2.80	--	--
1/2	13.0	0.40	0.36	0.39	10.2	7.3	4.2	8.75	7.25	3.60	9.7	8.0
9/16	14.5	0.51	0.46	--	12.9	9.3	5.3	11.05	9.25	4.60	--	--
5/8	16.0	0.63	0.57	0.62	15.8	11.5	6.4	13.60	11.50	5.60	15.4	12.7
11/16	17.5	0.76	0.69	--	19.1	13.5	--	16.40	13.50	6.70	--	--
3/4	19.0	0.90	0.82	--	22.6	16.0	9.1	19.45	16.00	8.00	--	--
13/16	20.6	1.03	0.96	--	26.5	18.5	--	23.00	18.50	9.30	--	--
7/8	22.0	1.23	1.11	--	30.6	21.0	12.4	26.30	21.00	10.70	--	--
15/16	23.5	1.41	1.27	--	35.0	24.0	--	30.00	24.00	14.00	--	--
1	26.0	1.60	1.45	--	39.8	27.0	16.0	34.20	27.00	15.70	--	--
1-1/16	27.0	1.81	1.64	--	44.7	30.5	--	38.50	30.50	--	--	--

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



**Williamsport Wire Rope Works, Inc.**  
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