



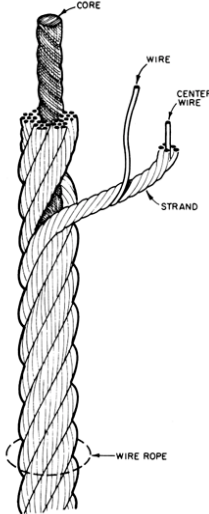
# ELEVATORS & ESCALATORS

## Elevator Wire Rope

### Wire Rope Specification

Elevator Wire Rope is specified by its diameter, finish, grade, lay, preforming, and core. A **Bright** finish, **Right Regular Lay**, and **Fiber Core** are understood to be specified unless otherwise stated.

Prestretching, galvanized finish, left lay, lang lay, special fiber core, nonpreformed wire rope, and independent wire rope core are all available for special ordering.



### Technical Bulletins

Contact your ALP Sales Representative for more information.

Technical bulletins are available on Rope Nomenclature, Lubrication, Rouging, Stretch, Slippage, Lubricant Build-up, Traction Sheave Hardness, Tensioning, Fatigue, and Vibration.

### Related Products:

	Section
• Cable Cutters	13
• Electric Chain Hoists	9
• Electric Wire Rope Hoists	9
• Chain Falls	9
• Lever Chain Pullers	9
• Lever Wire Rope Pullers	9
• Trolleys	9
• Fall Restraint Equipment	12
• Lifting Clamps	10
• Beam Clamps	9
• Chain Slings	3
• Wire Rope Assemblies	1
• Synthetic Web & Round Slings	5
• Wire Mesh Slings	4
• Turnbuckles	7
• Shackles	7
• Crosby Clips	7
• Load Binders	3
• Snatch Blocks	8
• Manila & Synthetic Ropes	11
• Sheaves	8

### Short Service Life

Major contributors of premature retirement of elevator ropes are:

- 1 Improper Lubrication**
- 2 Lack of Equalization**
- 3 Excessive Acceleration**
- 4 Improperly Adjusted Brakes**
- 5 Worn Sheave Grooves**
- 6 Use of Incorrect Construction**
- 7 Worn Sheave Bushings & Bushings**
- 8 Light Loading of Compensating and Governor Ropes**
- 9 Damage During Installation**
- 10 Damage Prior to Installation**