

Wire Rope Non-Rotating

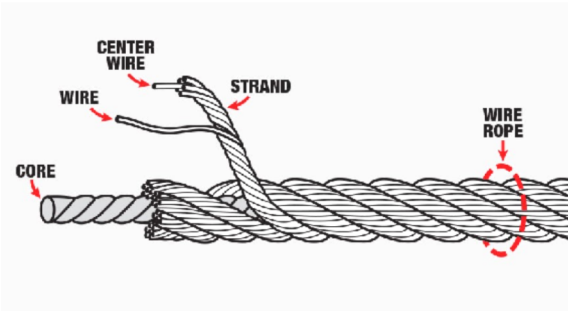
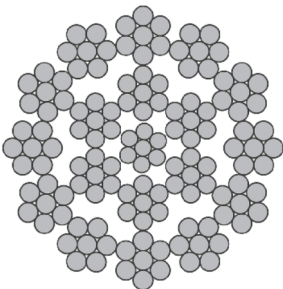
51008306-NR-DATASHEET

Description

- Rotation-resistant wire rope are used in applications where a single-part hoist rope is used to lift a free load – or where rotation-resistant properties are essential for rope performance. Due to the rotation-resistant characteristic of this wire rope, when the rope is in tension, opposing rotational forces are created between the inner and outer layers. Frequent and regular inspection for broken wires is critical when using rotation resistant rope.



Wire rope cross section



CAD generated drawing.
Do not manually update.

First angle projection



Scale
1:2

INFORMATION	51008306-NR-DATASHEET
Dimensions	5/16"-19x7-19 Strands, 7 Wires Per Strand (5/16" is Reference Only)
Core	IWRC - Independent Wire Rope Core
Material	XIP - Extra Improved Plow Steel Grade
Coating	Galvanized
Lubrication	Oiled
Lay	RHRL - Right Hand Regular Lay
Rotation Resistance	Category 2
Diam	8.0MM ^{+5%} / _{-0%} (8-8.4MM)
Mass	0.263KG/M (0.177 LB/FT) Reference Only
Breaking load	38.25KN 8,600 LBS)
Must Conform to Federal Specifications	RR-W-410 Type 1 General Purpose Class 2

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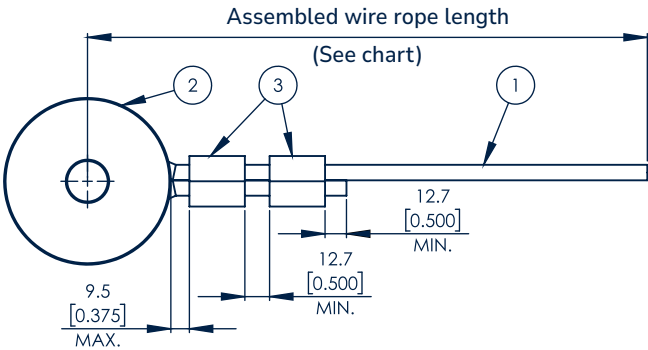
WIRE ROPE PART NUMBER DECRYPTION

51008306-NR	xxx		x	
Standard Wire Rope P/N	Nothing Present	5,000 ft Spool	Nothing Present	Normal Wire Rope
	CUT	Custom Length	"S" Present	Swaged Wire Rope
	CUT	Custom Length	"SI" Present	Swaged and Insulated Wire Rope

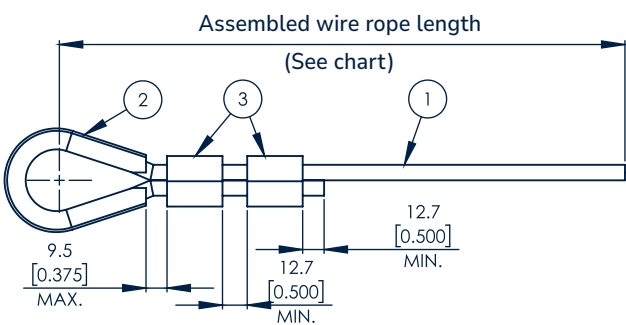
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	51008306-NR	5/16 19X7 RR XIP IWRC, Non-Rotating	See Chart
2	119-38	Thimble 3/8" Galv. HD	1*
3	119-70	5/16 Zinc Plated Sleeve (NICOZ515)	2**
4	119-77	Insulated Thimble	1***

*Items only used for p/n's ending in '-s' | **Items only used for p/n's ending in '-s' & '-si' | ***Items only used for p/n's ending in '-si'

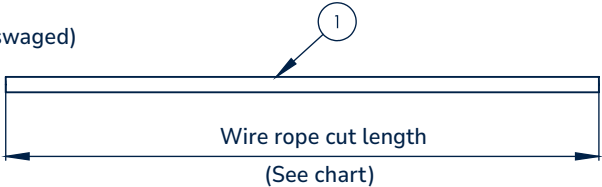
Insulated swaged wire rope



Swaged wire rope



Wire rope cut (non-swaged)



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Do not manually update.

First angle projection

Scale
1:2

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