

# Wire Rope Cable

## WIRE ROPE CABLE

Available in Hot Dipped Galvanized, Stainless Steel, Vinyl Coated, and Non-Coated. Available with independent wire rope core or fiber core.

Wire rope is a machine – understand it and respect it!

Like any machine, it needs proper care and maintenance for optimum safety and long safety life. For a better understanding of wire rope, we highly recommend the Wire Rope Users Manual published by the American Iron and Steel Institute.

The factor of safety applying to a wire rope installation may be defined as the ratio of the ultimate strength of the rope to the actual load that has been imposed upon it by service conditions. For all practical purposes, the rated catalog strength for the size and grade of rope in question may be used for this calculation if the rope is new. However, if the end fittings of the rope are less than one hundred percent effective, this value should be reduced by the efficiency of the particular fittings used. The actual load of the rope should include static load, as well as any dynamic or live loads. The working load on wire rope will vary depending upon the application, from approximately a safety factor of three to perhaps twelve or more. However, for general hoisting service a safety factor of five usually is adequate for preliminary determination of the rope size. Ultimate responsibility for the choosing of a design factor rests with the end user.

ITEM NO.		CONSTRUCTION	DIAMETER 7x19 – 6x19	BREAKING STRENGTH		WEIGHT PER FOOT	
HDG	SS			H.D. GALV.	STAINLESS	H.D. GALV.	STAINLESS
--	--	7x19	1/8"	2000 lbs	1760 lbs	2.9 lbs	2.9 lbs
09-33	09-47	7x19	3/16"	4200 lbs	3700 lbs	6.5 lbs	6.5 lbs
--	--	7x19	7/32"	5600 lbs	--	8.6 lbs	--
09-35	09-48	7x19	1/4"	7000 lbs	6400 lbs	11.0 lbs	11.0 lbs
--	09-49	7x19	5/16"	9800 lbs	9000 lbs	17.3 lbs	17.3 lbs
09-37	09-50	7x19	3/8"	14400 lbs	12000 lbs	24.3 lbs	24.3 lbs
--	--	7x19	7/16"	17600 lbs	16300 lbs	35.6 lbs	35.6 lbs
09-39	09-52	6x19	1/2"	20600 lbs	22800 lbs	46.0 lbs	45.8 lbs
--	--	6x19	9/16"	26000 lbs	--	66.0 lbs	--
--	--	6x19	5/8"	30000 lbs	35000 lbs	71.5 lbs	71.5 lbs
09-41	--	6x19	3/4"	42800 lbs	49600 lbs	95.0 lbs	105.2 lbs
--	--	6x19	7/8"	58000 lbs	--	129 lbs	--
09-42	--	6x19	1"	75200 lbs	--	168 lbs	--

Other diameters available. Please call for details.



**HENDERSON MARINE SUPPLY, INC.**

800-523-1586 [www.hendersonmarine.com](http://www.hendersonmarine.com)

*Specifications subject to change without notice. Not responsible for rust.*

Liability limited to product replacement at the option of Henderson Marine Supply, Inc.

Not responsible for any inaccuracies in specifications.

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