



Galfan Cable

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Galfan is a zinc aluminum alloy coating that was developed in the early 1980s in Europe. When used in place of conventional hot dipped galvanized coatings, Galfan provides a significantly greater resistance to corrosion due to its chemical makeup. As the zinc layer corrodes and gives way (just as it does on galvanized coatings) the aluminum content oxidizes and creates a protective layer adding extended protection from rust and corrosion. The formation of aluminum oxide results in a reduced rate of corrosion over the life of the product. Exposure test show that Galfan's corrosion resistance acutally improves over time. Depending on the environment, a galfan coating will erode 3-6 times slower than conventional galvanizing.

With an increased corrosion resistance over galvanized cable and a lower price point than stainless steel, Galfan cable is an affordable option for suspension lines in the poultry industry.

Product Code	Description	Length/Roll	Weight	Breaking Strength
1016GF	1/8" 7 x 7	1000'	30 lbs	1700 lbs
1009GF	1/8" 7 x 7	2500'	70 lbs	1700 lbs
1018GF	3/16" 7 x 7	1000'	63 lbs	3700 lbs
1008GF	3/16" 7 x 19	1000'	65 lbs	4200 lbs
1013GF	3/16" 7 x 19	2500'	154 lbs	4200 lbs

Working Load Limit

The working load limit (WLL) is the maximum load which should ever be applied to the product under any condition. The Working Load Limit is based on a load being uniformly applied in a straight line pull.

It is the responsibility of the ultimate user to determine a Working Load Limit for each application. Many factors should be considered including but not limited to, loads applied, speed of operation, acceleration or deceleration, length of rope or cable, shock loads, abrasion, corrosion, number, size, condition and location of drums and sheaves, facilities for inspection, and the danger to life and property should a rope or cable break.

Wire ropes and cables must be stored used, lubricated and maintained in accordance with normal safety standards and must be properly designed, maintained and operated. Inspect regularly. Do not kink, knot or crush.

Breaking Strength

Do not use Breaking Strength for design or rating purposes. Use Working Load Limit instead. Breaking Strength is an average figure at which samples have been found to break under laboratory conditions, in straight line pulls with constantly increasing loads. These conditions are rarely duplicated in actual use. Breaking Strengths apply only to new, unused Wire rope and Aircraft Cable.

Beesley International cable meets the requirements of military specification: **ASTM-B 750**



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