

Semi Conductor Nickel-plating Aluminum Reel



ONEREEL® is the top Semi Conductor Nickel-plating Aluminum Reel manufacturer and supplier in China. With more than 50 sets of advanced equipment, such as precision digital machine tools, punching machines, laser engraving machines, anodizing equipment, etc., with the support of an efficient R&D team, perfect management system and quality control, ONEREEL has a good ability to produce for bonding Various aluminum spools of wire.

Products include 2x2" and 2x1" anodized aluminum spools, conductive aluminum spools, nickel-plated aluminum spools; 63 large flanged aluminum spools. Colors include red, pink, blue, black, purple, yellow, green, silver and brown. Custom designs and colors are also available. The products sell well in the United States, Japan, South Korea, and the Philippines, Singapore, Hong Kong and other countries/regions. ONEREEL has passed ISO9001 certification and established a complete quality control system. Product quality is rigorously tested to ensure all spools meet customer requirements. Product quality is rigorously tested to ensure all spools meet customer requirements. Meanwhile, we can provide customers with highly competitive prices and quality.

Product Description

This Semi-Conductor Nickel-plating Aluminum Reel is a high-quality product. ONEREEL® Semi Conductor Nickel-plating Aluminum Reel can be designed and manufactured according to the size required by customers. Electroplated nickel is widely used to enhance the utility, value and sales appeal of consumer and manufactured goods. Other nickel coatings are used to improve physical properties such as wear resistance, heat resistance or corrosion resistance. In many important applications, nickel coatings serve the dual role of providing bright decorative coatings and enhancing corrosion resistance or other functional properties.

ONEREEL® Semi-Conductor Nickel-plating Aluminum Reel Parameter (Specification)

Ningbo Onereel Machine Co., Ltd.

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Diameter		Elongation	Minimum Break	Minimum Break	Temper Condition
Inches	Microns	(%)	Load (g) Type B1	Load (g) Type B2	
0.0005	12.5	0.5 - 1.5	5	N/A	HARD
		2.0 - 5.0	2	N/A	ANNEALED
0.0007	18	0.5 - 2.0	9.5	8	HARD
		1.0 - 3.0	5	4	STRESS RELIEVED
		3.0 - 5.0	3	2.5	ANNEALED
0.0008	20	0.5 - 2.0	12.5	10	HARD
		1.0 - 3.0	6	5	STRESS RELIEVED
		4.0 - 6.0	4	3	ANNEALED
0.001	25	0.5 - 2.5	21	20	HARD
		1.0 - 3.0	11	10	STRESS RELIEVED
		4.0 - 6.0	8	7	ANNEALED
0.0013	33	0.5 - 2.5	33	30	HARD
		1.0 - 3.0	17	15	STRESS RELIEVED
		5.0 - 7.0	12	10	ANNEALED
0.0015	38	0.8 - 3.0	45	40	HARD
		1.0 - 3.0	24	20	STRESS RELIEVED
		6.0 - 8.0	18	16	ANNEALED
0.002	50	1.0 - 3.0	75	70	HARD
		1.0 - 3.5	45	40	STRESS RELIEVED
		2.0 - 8.0	30	25	ANNEALED

ONEREEL Semi-Conductor Nickel-plating Aluminum Reel Feature and Application

Note 1: Uniform distribution of Si and stable mechanical property. Annealed. Heat treated. Stress relieved (SR type).

Note 2: ONEREEL has good corrosion resistance under PCT (Pressure Cooker Test) with high humidity and temperature.

Note 3: ONEREEL applications include Wedge to Wedge bonding.

Note 4: ONEREEL (with ~50ppm Nickel doping) has replaced old Type TABW (without nickel doping).

Note 5: Old Type TABW (without nickel doping) is not recommended for pressure cooker test with high humidity at 260°C.

ONEREEL Semi-Conductor Nickel-plating Aluminum Reel Details

ONEREEL Semi-Conductor Nickel-plating Aluminum Reel is widely used in the manufacturing of microelectronic devices as an electrical interconnect, either between a chip and substrate or between two chips. The materials described below are of the highest quality, refined and alloyed by SPM to produce the demanding properties of finished wire and Semi-Conductor Nickel-plating Aluminum Reel products.

ONEREEL®

www.cable-spool.com



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**FAQ**

What is your products standardization?

our products strictly comply with ISO9001 and CE standards

Can you can design the spool according to our size?

Yes, we have a professional team of engineers who can complete the manufacture of the spool you provid

How many years have your company made this kind of spool?

we have been making spools for ten years

Are you a trading company or a manufacturer?

we are a manufacturer of spool technology and design

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How long is your delivery time?
we will deliver the order as soon as we receive it

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