

99% Pure Nickel Strip UNS N02200 Strip Ni201 N4 N6 Strip 2P 3P 4P 6P Nickel Alloy Belt

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| Basic Information | |
|-----------------------------|--|
| Place of Origin: | China |
| Brand Name: | Victory |
| Model Number: | Ni200 Ni201 |
| Minimum Order Quantity: | 2 Kg |
| Price: | 1 - 49 kilograms US\$35.00 |
| Packaging Details: | Plastic film or waterproof woven bag inside, wire packed in spool put into carton,coil wire or strip wire put into wooden case |
| Delivery Time: | 7 to 20 Days |
| Payment Terms: | L/C T/T Western Union MoneyGram |

300 tons per month



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Product Specification

• Supply Ability:

| • Type: | Pure Nickel Strip |
|--|---|
| • Density (g/cm3): | 8.9 G/cm3 |
| Melting Point(°C): | 1435-1446 °C |
| Condition: | Bright,soft |
| Surface: | Bright |
| Material: | Nickel |
| Material Purity: | >99.9% |
| Conductor: | Pure Nickel Connector |
| Metal: | Nickel |
| • Ni(min): | 99.5% |
| Application: | Chemical Industry Battery Assembly |
| Highlight: | 99.9% Pure Nickel Strip, Customized Pure Nickel Coil |



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More Images



Product Description

Product Description:

Pure nickel strip is a strip material made of high-purity nickel metal with excellent corrosion resistance and electrical conductivity. It is widely used in chemical industry, electronics, aerospace and other fields to manufacture equipment and components, providing reliable performance and durability

Pure nickel strips also have excellent mechanical properties and processability, and can easily perform cold working, hot working, welding and other process operations. This makes pure nickel strips widely used in manufacturing industries, such as automobile manufacturing, shipbuilding and metal processing, providing reliable material solutions for various projects and innovations.

Advantages:

 Welding performance: Pure nickel strip has good welding performance and is easy to weld and connect with other battery components. It can reliably weld with battery sheets, electrode sheets or other connecting components through common welding methods, such as resistance welding, laser welding, arc welding, etc., to ensure the stability of the connection.
 Anti-corrosion performance: Pure nickel belt has high anti-

2. Anti-corrosion performance: Pure nickel belt has high anti-corrosion performance and can work stably for a long time in corrosive environment. This is very important for battery welding, because the battery may be exposed to moisture, acidic or alkaline environments, and the corrosion resistance of pure nickel strips can reduce corrosion losses of the connecting pieces and extend the service life of the battery.

extend the service life of the battery. 3. Mechanical strength and flexibility: Pure nickel strips have moderate mechanical strength and flexibility and can adapt to the deformation and vibration of battery components. During the use of the battery, changes in temperature and mechanical stress may cause deformation and deformation of the battery connecting piece. Pure nickel strips can maintain the stability of the connection and are not easy to hreak or deform

connection and are not easy to break or deform. 4. High temperature stability: Pure nickel ribbon has good high

4. High temperature stability: Pure nickel ribbon has good high temperature stability and can maintain stable electrical properties and mechanical strength in high temperature environments. For some high-temperature battery applications, pure nickel tape can withstand the current and thermal stress under high-temperature conditions, maintaining the reliability and stability of the connection.

Conductive properties:

Pure nickel tape has excellent conductive properties in battery welding. Pure nickel tape is a highly conductive material with very high conductivities, typically around 15-22 MS/m (MegaSiemens/meter) at higher purity. This makes it ideal for use as a material for battery connecting tabs.

In the battery welding process, pure nickel strips are usually used to connect battery sheets and electrode sheets, or as connecting sheets between battery components. Its conductive properties can provide a low-resistance current conduction path to ensure that the battery connector can efficiently transmit electrical energy.

The high conductivity of pure nickel tape helps reduce energy loss and resistance loss during current transmission, improving the efficiency and performance of the battery system. In addition, pure nickel ribbons can withstand higher current densities and maintain stable current transmission capabilities.

Therefore, pure nickel tape has excellent electrical conductivity in battery welding, which can meet the needs of efficient current conduction and ensure the reliability and performance of battery connections.

Technical Parameters:

| Attribute | | | | Value | | | | | | | |
|------------------------|--|--|--------------|-------------------------------------|-----------------------|-------------|---------------|---------------|--------|--|--|
| Application | า | | | Chemical Industry, Battery Assembly | | | | | | | |
| Conductor | | | | Pure Nickel | Pure Nickel Connector | | | | | | |
| Melting Po | pint(°C) | | | 1435-1446 | °C | | | | | | |
| Ultimate S | trength (≥ MF | Pa) | | 462 | | | | | | | |
| Power Or | Not | , | | Not | | | | | | | |
| Туре | | | | Pure Nickel | Strip | | | | | | |
| Material P | urity | | | >99.9% | | | | | | | |
| Durity | unty | | | 00.5% Min/(| 00.0% Min/ou | atomized) | | | | | |
| Funity | (> 0() | | | 99.5%10111/3 | 99.9%iviin(cu | stornized) | | | | | |
| Elongation | 1 (≥ %) | | | 45 | | | | | | | |
| Resistance (μΩ.m) | | | 1.5 | | | | | | | | |
| Grade | Ni+Co | Cu | Si | Mn | С | Mg | S | Р | Fe | | |
| N4 | 99.8 | 0.015 | 0.03 | 0.002 | 0.01 | 0.01 | 0.001 | 0.001 | 0.04 | | |
| N6 | 99.6 | 0.10 | 0.10 | 0.05 | 0.10 | 0.10 | 0.005 | 0.002 | 0.10 | | |
| Ni201 | ≥99.0 | ≤0.25 | ≤0.35 | ≤0.35 | ≤0.02 | (| ≤0.01 | / | ≤0.40 | | |
| Ni200 | ≥99.2 | ≤0.25 | ≤0.35 | ≤0.35 | ≤0.15 | / | ≤0.01 | / | ≤0.40 | | |
| Material | 18650/217 | 00/26650/32 | 650 nickel s | strip | | | | | | | |
| Dimension | 1P to 9P | | | | | | | | | | |
| Available Space | 18.5mm,19mm, 19.5mm, 20.2mm | | | | | | | | | | |
| Usage | Use for 18650 battery pack | | | | | | | | | | |
| Package | Nickel strip | o in roll pack | into carton | | | | | | | | |
| Physical properties | High temperature resistant, corrosion resistance, | | | | | | | | | | |
| Technical support | With imported stamping machine, Japanese Sodick, complete mold (more than 2000 sets of battery industry hardware mold), and can open mold independently. | | | | | | | | | | |
| Functions | Products a power tool | Products are widely used in energy storage battery, new energy vehicles, electric bicycles, solar street lights, power tools and other energy products | | | | | | | | | |
| Advantage | All materia | ls are degrea | ased and ad | lopt the dry -pi | unching techi | nology to e | nsure that th | ne product is | clean. | | |
| | | | | | | | | | | | |



H shape nickel strip: 1P, 2P 3P, 4P, 5P, 6P, 7P, 8P, 9P

| Model Thickness | Distance of two welding centers: 18.5mm (used for battery pack without battery spacer) | Distance of two welding centers: 19mm | Distance of two welding centers: 19.5mm | Distance of two welding centers: 20/20.25mm | |
|-----------------|---|---|--|--|-----------|
| | | Width(mm) | Width(mm) | Width(mm) | Width(mm) |
| 1P | | 8 | 8 | 8 | 8 |
| 2P | | 25.5/27 | 26.5/27 | 26.5/27 | 27 |
| 3P | | 44 | 46 | 46 | 47 |
| 4P | | 62.5 | 65.5 | 65.5 | 67 |
| 5P | 0.15/0.2mm | 81 | 85 | 85 | 87 |
| 6P | | 99.5 | 104.5 | 104.5 | 107 |
| 7P | | 118 | 124 | 124 | 127 |
| 8P | | 136.5 | 143.5 | 143.5 | 147 |
| 9P | | 155 | 163 | 163 | 167 |

H shape nickel strip Г

| Model T | hickness Width | | Distance of two welding centers | | | | | | | | | |
|---|------------------------------------|-----------------|---------------------------------|----------|------------------------------------|--|-----------|-------------------------|--------|--|--|--|
| 1P | 8 | | | | | | | | | | | |
| 2P | | 23 | | | | | | | | | | |
| 3P 0.1 | 15/0.2mm | 39 55 | | - 18.5mm | | | | | | | | |
| 4P | | | | 10.01 | | | | | | | | |
| 50 | | 71 | | | | | | | | | | |
| JP. | | 71 | | | | | | | | | | |
| Туре | Dimension (mm) | | Cell spacin s(mm) | Width | Dimension of the Square hole | Nickel Plated Pure steel Nickel strip | | Type of battery pack | | | | |
| | | | | | (nn) | Length for | per Kg(m) | with holder | holder | | | |
| | 0.15* | 7*18.4 | 18.4 | | - | 128.3 | 112.6 | | 4 | | | |
| 10 10050 Minhal atuin | 0.15 | *7*19 | 19 | - | - | 127.9 | 112.1 | 4 | | | | |
| ir 10000 MICKel strip | 0.15* | 7*19.5 | 19.5 | | - | | | 4 | | | | |
| | 0.15*7 | *20. 25 | 20.25 | | - | 127.6 | 111.9 | 1 | | | | |
| | 0.15*26*19(13.5*13.5) | | 19 | 26 | 12*12 | 47.2 | 41.4 | ~ | | | | |
| 20 10050 Mishal atoria | 0. 15*27*19. 5(12*14. 5) | | 19.5 | | 12*14.5 | 48.9 | 42.9 | 4 | | | | |
| 2F 10000 Mickel strip | 0.15*27*19.75(12.5*12.5) | | 19.75 | 27 | 12. 5*12. 5 | 47 | 41.2 | 4 | | | | |
| 0.15*27*20.25 | | 5 (13. 5*13. 5) | 20.25 | | 13. 5*13. 5 | 48.9 | 42.9 | 4 | | | | |
| 2P 18650 Nickel strip 0.15*25.5*18.4(11*12.5) | | 18.4 | | 11*12.5 | 48.9 | 42.9 | | 4 | | | | |
| Dislocation 2P 18650 Nickel strip 0. 15*25. 5*18. 4 (8*9. 5) | | 18.4 | 25. 5 | 8*9.5 | 41. 1 | 36. 1 | | 4 | | | | |
| Dislocation 2P 18650 Nickel strip | 8650 0. 15*25. 5*19. 5 (8*9. 5) | | 19.5 | | 8*9.5 | 38.6 | 33. 8 | 4 | | | | |
| | 0.15*44.5*18 | 18.4 | 44.5 | 11*12.5 | 27.4 | 24 | | 4 | | | | |
| SP 18550 Nickel strip | 0.15*45*19 (12*12) | | 19 | 45 | 12*12 | 29.1 | 25.5 | 4 | | | | |
| o. tooor mener attap | 0. 15*47. 5*20. 15 (12. 65*12. 65) | | 20.15 | 47.5 | 12.65*12.65 | 27.4 | 24 | 4 | | | | |
| | 0.15*47.5*20.25 (13.5*13.5) | | 20.25 | 41.0 | 13. 5*13. 5 | 29.4 | 25.7 | 4 | | | | |
| | 0.15*63*18.5 | (11*12.5) | 18.5 | 63 | 11*12.5 | 21.6 | 18.9 | | 4 | | | |
| AP 18550 Nickel strin | 0.15*64*19 (12*12) | | 19 | 64 | 12*12 | 21 | 18.4 | 4 | - | | | |
| a toooo mener strip | 0.15*67.95*20.15 (12.65*12.65) | | 20.15 | 67.95 | 12.65*12.65 | 19.6 | 17.2 | 4 | | | | |
| | 0.15*67.7*20.2 | 5 (13.5*13.5) | 20.25 | 67 | 13. 5*13. 5 | 21.3 | 18.7 | 4 | | | | |
| | 0.15*83*1 | 9 (12*12) | 19 | 83 | 12#12 | 16.4 | 14.4 | 4 | | | | |
| 5P 18650 Nickel strip | 0. 15*88. 1*20. 15 (12.65*12.65) | | 20.15 | 88.1 | 12.65*12.65 | 19.7 | 17.3 | 4 | | | | |
| | 0.15*87.9*20.2 | 5 (13.5*13.5) | 20.25 | 87.9 | 13. 5*13. 5 | 16.7 | 14.6 | 4 | | | | |
| | 0.15*102*19 (12*12) | | 19 | 102 | 12#12 | 13.5 | 11.9 | 4 | | | | |
| 6P 18650 Nickel strip | 0.15*108.25*20.15 | | 20.15 | 108.25 | 12.65*12.65 | 12.6 | 11 | ~ | | | | |
| | 0.15*108.1*20.25 (13.5*13.5) | | 20.25 | 108.1 | 13.5*13.5 | 13.7 | 12 | 4 | | | | |
| | 0.15*121*1 | 9 (12*12) | 19 | 121 | 12*12 | 11.5 | 10 | 4 | | | | |
| 7P 18650 Nickel strip | 0.15*128.4*20.1 | 5 (12.65*12.65) | 20.15 | 128.4 | 12.65*12.65 | 10.7 | 9.4 | 4 | | | | |
| | 0.15*128.3*20. | 25 (13.5*13.5) | 20.25 | 128.3 | 13.5*13.5 | 11.6 | 10.2 | 4 | | | | |
| 8P 18650 Nickel strip | 0.15*140*1 | 9 (12*12) | 19 | 140 | 12*12 | 10 | 8.7 | ~ | | | | |

contact us

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FAQ:

What are the common thickness ranges for pure nickel strip? The thickness of pure nickel strip is usually between 0.01 mm and 3 mm.

Can custom sizes be provided for pure nickel straps? Yes, pure nickel strips can be provided in customized sizes according to customer needs.

Can you provide packaging services for pure nickel strips? Yes, pure nickel strip suppliers can provide various packaging methods according to customer needs, such as reels, wooden boxes, etc.

| O | +8619906119641 | victory@dlx-alloy.com | e | victory-alloy.com |
|---|--------------------|-------------------------------|------|-------------------|
| | NO.32 West Taihu F | Road, Xinbei District, Changz | hou, | Jiangsu |
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