

# Nickel Alloy Strip Incoloy 825 Strip For Optical Cable

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| Basic Information                    |   |
|--------------------------------------|---|
| <ul> <li>Place of Origin:</li> </ul> | China   |
| Brand Name:                          | Victory   |
| Certification:                       | CE,ROHS,ISO 9001  |
| Model Number:                        | Incoloy 825   |
| Minimum Order Quantity:              | 1 Kg  |
| Price:                               | 30 - 499 kilograms \$46.90  |
| Packaging Details:                   | Packed as coil. Special packaging<br>requirements can also be accommodated.<br>OEM is also acceptable |
| <ul> <li>Delivery Time:</li> </ul>   | 7 to 20 Days  |





## **Product Specification**

• Supply Ability:

| <ul> <li>Product Name:</li> </ul>              | Incoloy 825 Strip   |
|--|---|
| <ul> <li>Material:</li> </ul>                  | Ni Cr Fe  |
| • Ni (Min):                                    | 42%   |
| <ul> <li>Resistance (μΩ.m):</li> </ul>         | 1.15  |
| Powder Or Not:                                 | Not Powder  |
| <ul> <li>Ultimate Strength (≥ MPa):</li> </ul> | 790   |
| <ul> <li>Elongation (≥ %):</li> </ul>          | 30  |
| <ul> <li>Density (g/m3):</li> </ul>            | 8.4 G/cm3   |
| <ul> <li>Application:</li> </ul>               | Industrial,Construction,Building  |
| • Surface:                                     | Bright  |
| • Size:  | Customized  |
| <ul> <li>Processing Service:</li> </ul>        | Decoiling,Cutting,Bending   |
| • Highlight:                                   | Optical Cable Incoloy 825 Strip,<br>8.4 g/cm3 Nickel Alloy Strip,<br>42% Nickel Alloy Strip |
|  |   |



#### **Product Description**

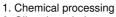
#### Introduction:

1. Incoloy 825 strip is a high-performance alloy strip known for its remarkable corrosion resistance and excellent mechanical properties.

2. It belongs to the family of nickel-iron-chromium alloys and is specifically designed to withstand challenging environments, including corrosive chemicals, extreme temperatures, and high-pressure conditions.

3. It is produced through precise manufacturing processes to ensure consistent quality and dimensional accuracy.

4. It finds wide-ranging applications in industries such as chemical processing, oil and gas, marine, nuclear power, and food processing.



2. Oil and gas industry

- 3. Marine and coastal applications
- 4. Nuclear power generation

5. Food processing

# Size dimension range:

 $\label{eq:wire: 0.01-10mm} \hline Wire: 0.01-10mm \\ Strip: 0.05*5.0-5.0*250mm \\ Bar: \phi 4-50mm; Length 2000-5000mm \\ Pipe: \phi 6-273mm; \delta 1-30mm; Length 1000-8000mm \\ Sheet: \delta 0.8-36mm; Width 650-2000mm; Length 800-4500mm \\ Incoloy series: 800, 800H, 800H7, 825 \\ \hline \end{tabular}$ 

## Parameter:

| Item | 800      | 800H     | 800HT    | 825       | 925       |
|------|----------|----------|----------|-----------|-----------|
| С    | ≤0.1     | 0.05-0.1 | 0.06-0.1 | ≤0.05     | ≤0.03     |
| Mn   | ≤1.5     | ≤1.5     | ≤1.5     | ≤1        | ≤1        |
| Fe   | rest     | rest     | rest     | rest      | rest      |
| Р    |          |          |          | ≤0.02     | ≤0.03     |
| S    | ≤0.015   | ≤0.015   | ≤0.015   | ≤0.03     | ≤0.03     |
| Si   | ≤1       | ≤1       | ≤1       | ≤0.5      | ≤0.5      |
| Cu   | ≤0.75    | ≤0.75    | ≤0.75    | 1.5-3     | 1.5-3     |
| Ni   | 30-35    | 30-35    | 30-35    | 38-46     | 42-46     |
| Al   | 0.15-0.6 | 0.15-0.6 | 0.15-0.6 | 0.2-1     | 0.15-0.5  |
| Ti   | 0.15-0.6 | 0.15-0.6 | 0.15-0.6 | 0.6-1.2   | 1.9-2.4   |
| Cr   | 19-23    | 19-23    | 19-23    | 19.5-23.5 | 19.5-23.5 |
| Мо   |          |          |          | 2.5-3.5   | 2.5-3.5   |



