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# **WATER RIPPLE STAINLESS STEEL SHEET DATA SHEET**

Inspired by the fluidity of nature, water ripple stainless steel sheets create a dynamic, ever-changing visual effect, especially when illuminated by vibrant lighting. As a leading provider of premium water ripple stainless steel sheets, Argger offers a wide range of colors and patterns, ensuring exceptional quality and striking aesthetics.

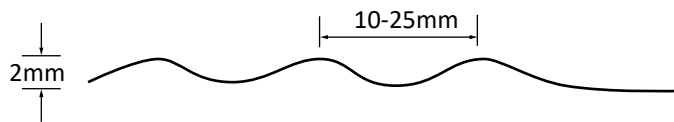
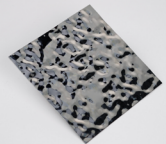
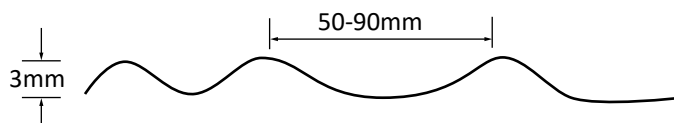

## Material Grade



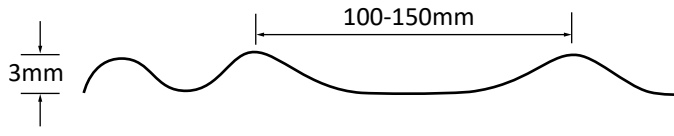
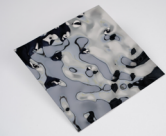
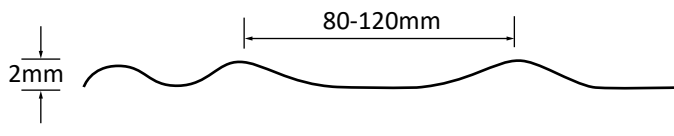
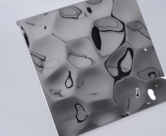
Water ripple stainless steel sheets are made from high-quality stainless steel. Argger offers three premium grades—201, 304, and 316L manufactured to ASTM standards. The choice of grade depends on the specific application requirements.

| Stainless Steel Grade | Description                                                                                                                                                                                                                                                                                                                                                    | Application                                                                                                                                                           |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>201</b>            | 201 grade is a widely used form of stainless steel with cost-effective performance. Due to it contains between 16 to 18 percent chromium and higher manganese content, 201 stainless steel has moderate resistance to rust. It withstands corrosion in mild environments but is less resistant to acidic and salty conditions compared to 304 stainless steel. | <ul style="list-style-type: none"> <li>• Most dry interior situation</li> </ul>                                                                                       |
| <b>304</b>            | 304 grade is the most common form of stainless steel used around the world. Due to it contains between 16to 24 percent chromium, 304 stainless steel has high resistance to rust. It withstands corrosion from most oxidizing acids.                                                                                                                           | <ul style="list-style-type: none"> <li>• Most interior situation</li> <li>• Condition without chloride</li> </ul>                                                     |
| <b>316L</b>           | Different from 304, 316L incorporates about 2 to 3percent molybdenum, which increases corrosion resistance-particularly against chlorides and other industrial solvents                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• Coastal regions;</li> <li>• Outdoor areas where deicing salts are common;</li> <li>• Medicine surgical instrument</li> </ul> |

## Pattern

Water ripple stainless steel sheet pattern is multiplied by the wave distance and height.

| Pattern           | Description                                                                          | Pictures                                                                              |
|-------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Poseidon-S</b> |  |  |
| <b>Poseidon-M</b> |  |  |

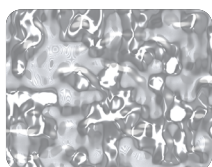
| Pattern    | Description                                                                        | Pictures                                                                            |
|------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Poseidon-L |  |  |
| Poseidon-F |  |  |
| Poseidon-H |  |  |

#### Note:

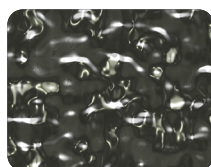
Due to the production process, no two sheets are exactly alike. Some finish irregularities as well as color and ripple variations will appear. We check the color difference and integrity of the material before cutting or installation to ensure that the material does not affect the overall installation and splicing work.

## Color

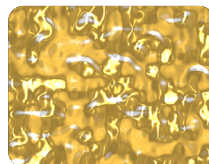
Different colors can present different styles and effects to match different needs and requirements. Unmatched wide various color can be choosed in Argger.



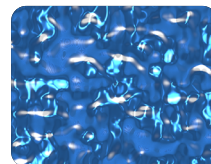
Silver  
(Most popular)



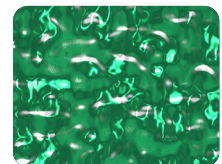
Black



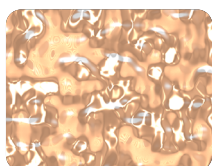
Gold



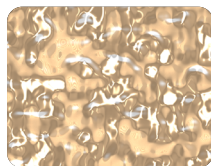
Blue



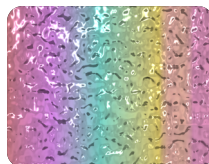
Green



Copper



Champagne



Rainbow



Custom

#### Note:

For more color selections, please contact us.

Please feel free to contact us for color sample, because different computers will render colors.

## Dimensions

Argger recommends the standard water ripple stainless steel sheet size.

| Thickness   | Regular Size                                                          | Tolerance | Weight                                                                                                                                        |
|-------------|-----------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 0.38–1.15mm | 1219 mm × 2438 mm<br>Customized:<br>Width ≤1219 mm<br>Length ≤6000 mm | ±3 mm     | Grade-201: $79.3 \times 10^4 \text{ kg/m}^3$<br>Grade-304: $79.3 \times 10^4 \text{ kg/m}^3$<br>Grade-316L: $79.8 \times 10^4 \text{ kg/m}^3$ |

## Protective Film

### ● Functions

PE film certificated by ROHS in EU prevents the surface from dirt or water-logging while transportation, machining and installation.

### ● Cautions

PE film cannot stop a knife or any sharp cutting.

PE film is recommended to leave on during installation and removed after completed in ten days.

### ● How to remove?

Take one corner with the angle less than 90° slowly and regularly to remove.

## Fire Rating

As the basic material of water ripple is stainless steel, Argger premium-quality stainless steel is inherently non-combustible.

| Fire rated | Standard   |
|------------|------------|
| Class A    | NFPA & IBC |
| Class 1    | UBC        |

## Applications & Maintenance

Water ripple stainless steel sheet itself is a decorative sheet with wide application in-built engineering and furniture It is easy to clean. Usually a clean towel or microfiber with clean water can remove smudges.

### ● Applications

#### - In-built:

Wall Cladding, Column Cladding, Elevator Cladding, Ceiling

#### - Furniture:

Display Case, Table top, Counter

- **Maintenance**

Stainless steel is easy to clean. Washing with soap or a mild detergent and water, followed by a clear water rinse, is usually quite adequate for domestic and architectural product. An enhanced aesthetic appearance will be achieved if the cleaned surface is wiped dry.

## Other Introduction

- **Maintenance:**

refer to the cleaning & maintenance.

- **Environmental Report:**

refer to the environmental sustainability.