



## DATA SHEET

|          |                                            |
|----------|--------------------------------------------|
| Product  | : Stainless Steel AISI-304                 |
| Supplier | : Nippon Steel Stainless Steel Corporation |

| Elements | Specification |
|----------|---------------|
| C        | 0.08 max      |
| Si       | 1.00 max      |
| Mn       | 2.00 max      |
| P        | 0.045 max     |
| S        | 0.030 max     |
| Ni       | 8.00 ~ 10.50  |
| Cr       | 18.00 ~ 20.00 |

|                           |                 |
|---------------------------|-----------------|
| Particle Size (Thickness) | : 0.15 – 4.0 mm |
|---------------------------|-----------------|

|                       |   |               |                             |
|-----------------------|---|---------------|-----------------------------|
| Transport Codes       | : |               |                             |
| Tensile Strength min. |   | PSI<br>84,000 | kgf/mm <sup>2</sup><br>59.1 |
| Yield Strength min.   |   | PSI<br>42,000 | kgf/mm <sup>2</sup><br>29.5 |
| Elongation min. %     |   | 55            |                             |
| Hardness Test max.    |   | HB<br>147     | HR<br>B80                   |