



Specification for Datum Laser PHD

1. Scope of Application

This specification shall be applied to the stainless strips sold as Datum Laser PHD (hereinafter called the "strip").

2. Dimension

The outline of the coil shall conform to Table 1:

Table 1: Dimension of Coil

Material	Finish	Size	
		Thickness	Width
SUS 304	H-TA	0.10mm - 0.20mm	610mm

3. Manufacturing Method

The coils are based on the specification standard JIS G3N640 for stainless steel coils.

4. Quality

4.1 Chemical Composition

4.1.1. The Chemical Composition shall conform to Table 2:

Table 2: Chemical Composition

Material	C	Si	Mn	P	S	Ni	Cr	Fe
SUS 304	0.08 Max	1.00 Max	2.00 Max	0.045 Max	0.030 Max	8.00 - 10.50	18.00 - 20.00	Rem

4.2 Mechanical Properties

4.2.1 The Mechanical Properties of the coil conform to Table 3:

Table 3: Mechanical Properties

Material	Finish	Tensile Strength	Elongation	Hardness
SUS 304	H-TA	1130N/mm ² Min	Rec.	370 HV

4.3 Tolerance of Dimensions

4.3.1 The coils/sheets shall conform to the tolerance of dimensions specified in Table 4:

Table 4: Tolerance of Dimensions

Thickness	Width	Length
±3%	+1.0/-0.0mm	±1mm

5. Inspections

Strips shall be inspected on the appearance and dimensions in addition to the chemical composition analysis and mechanical property tests to assure the quality as set forth in tables 2 and 3.

