

Standard Specification - Strip Materials
Sandvik Wire & Heating Technology, Bethel ,CT

Resistance Tolerance:

+/- 5%

When specified; not required on "size only" orders.

Thickness Tolerance:

+/- 7%, when producing to size and not resistance.

Width Tolerance:

<1" +/- .010" (<25.4mm +/- 0.254mm)

1" - 2" +/- 1% (25.4-50.8mm +/- 1%)

>2" +/- .020" (>50.8mm +/- 0.508mm)

Rockwell Hardness Tolerance Limits:		
Alloy	Dead Soft	Punching Temper
APM	15T 85-95	15T 90-100
A-1	B 75-105	B 92+
AF		
D		
Alk 14	15T 80-90	15T 90-100
Alk 720	B 60-92	B 92+
N80		
N60		
N40		
Cu 294	15T 60 min - 80 max. B 60 max.	
SS 304	15T 80-90 B 60-92	

Coil ID:

16" (406mm)

Camber:

0.140" in 3 feet (equivalent to 0.375" in 8 ft)

3.56mm in 0.914m (equivalent to 9.52mm in 2.44m)

Edge Burr:

0.0005" max (0.0127mm max.) for strip thickness of 0.010" (0.254mm) or less.

0.0010" max. (0.0254mm max) for strip thickness greater than 0.010" (0.254mm), but less than 0.020" (0.508mm)

No requirement for strip thickness greater than .0200" (0.508mm).

Visual/ Surface:

Surface should be uniform in appearance with minimal dark spots, minimal excessive oil, no discoloration, no cracks, scratches and foreign matter.

Strip should be smooth with a clear clean surface.

Flatness:

Twist

When required by the customer.

Edge wave

When required by the customer.

Cross Curvature

When required by the customer.