

## Technical Data Sheet

**Product :**  
**99.99% Aluminum + Ni Ribbon**



### Mechanical Properties:

Dimensions (mils)	Tensile Strength (gms)	Elongation (%)	Length / spool (#88L)
Width :40 ± 2 Thickness: 4 ±0.5	400~550	10~30	100m

Note: The above is the general specification. Other specifications may be available.

### Chemical Composition:

Item	Amount	Item	Amount
Aluminum	99.99% Min.	Magnesium (Mg)	20ppm max.
Nickel (Ni)	47 - 53ppm	Silicon (Si)	10ppm max.
Copper (Cu)	20ppm max.	Iron (Fe)	10ppm max.

Total impurity elements: 100 ppm max.

### Physical Properties:

Property	Amount	Property	Amount
Density	2.7g/cm <sup>3</sup>	Thermal Conductivity @20°C	230W/m K
Melting Point	660°C		
Electrical Resistivity @20°C	2.7e-006 ohms/cm		
Electrical Conductivity @20°C	64 (%IACS)		

Shelf Life vacuum packed: 1 year (Stored @18°C to 28°C, 65%Rh max.)