

PROTECH-VANTAGE INTERNATIONAL INC.

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Light Gauge Aluminum Foil A1235

Origin: Made in China

Apperances: Clean and even smooth surface, free from scratches, dust, oil contaminations. Soft temper and uniform bright appears on the outside surface, while dull on the back side surface.

Physical Specification:

No	Properties	Typical value	Unit
1	Thickness	6, 6.35, 7 to 12	micron (μ)
2	Thickness tolerance	+/- (5 to 8)	%
3	Width	10 to 57	inch
4	Width tolerance	+/- 0.05	inch
5	Core diameter	6	inch
6	Tensile strength	60-100	MPa
7	Elongation	≥ 1.0	%
8	Wettability test	A	grade
9	Temper	O	grade
10	Pin holes	≤ 200	holes per sq.m.
11	Deleterious elements	listed in following table	%

Element	Limit of failure	Concession Acceptable	Range of Acceptable		Concession Acceptable	Limit of failure
	Min.	Min.	Min.	Max.	Max.	Max.
Silicon (Si)	0.100	0.100	0.120	0.150	0.170	0.180
Iron (Fe)	0.360	0.360	0.380	0.400	0.450	0.470
Copper (Cu)	—	—	—	0.040	0.045	0.050
Manganese (Mn)	—	—	—	0.040	0.045	0.050
Magnesium (Mg)	—	—	—	0.040	0.045	0.050
Nickel (Ni)	—	—	—	0.008	0.009	0.010
Zinc (Zn)	—	—	—	0.080	0.090	0.100
Titanium (Ti)	0.010	0.011	0.012	0.050	0.055	0.060
Vanadium (V)	—	—	—	0.007	0.008	0.008
Lead (Pb)	—	—	—	0.008	0.009	0.010
Cadmium (Cd)	—	—	—	0.008	0.009	0.010
Boron (B)	0.001	0.0011	0.0015	0.005	0.0059	0.006

- Note: 1. Limit of the Fe+Si amount: $Fe+Si \leq 0.65\%$;
 2. Limit of the Fe/Si ratio: $2.71 \leq Fe/Si \leq 3.33$;
 3. The compositional ratio of Aluminum alloy 1235 is $Al > 99.35\%$

Packaging: