

### 1145 Aluminum Foil | Haomei Aluminum Foil Supplier

**1145 aluminum foil** supplied by Haomei has advantages of high form-ability, good electrical conductivity, lightweight and corrosion resistant, etc. Aluminium foil 1145 is normally used in capacitor, food packaging, printing foil, hairdressing, electrical, battery and household use, etc.

With a minimum aluminum content of 99.45%, aluminum foil 1145 with its sister alloy of 1235, are almost identical in chemical and physical properties. At times, certain production lots can be dual certified to 1145 and 1235 alloys. Like the 1100 aluminum alloy, both are considered commercially pure alloys and have excellent form-ability. The 1145 alloy has even better conductivity than 1100 due to its higher aluminum content. On the other hand, the 1145 alloy is becoming sparse in the market as many have found the 1235 alloy to be more readily available as it responds just as well in most applications.

#### Technical Parameters of 1145 aluminium foil:

Alloy	1145 aluminium foil
Temper	O,H18,
Thickness (mm)	0.01-0.2
Width (mm)	100-1600
Length (mm)	C
Typical products	food packaging foil, printing foil, hairdressing foil, electrical foil, battery foil, household use foil, cable foil etc.

#### Chemical Composition of 1145 aluminium foil:

Si	Fe	Cu	Mn	Mg	V	Zn	Ti	Others		Al
								Individual	Total	
Si+Fe	0.55	0.05	0.05	0.05	0.05	0.05	0.03	0.03	-	99.45

#### Mechanical properties of 1145 aluminium foil:

Alloy	Product Type	Temper	Thickness (mm)	Tensile Strength (Mpa)	Elongation(%) A100mm
1145	Food and Household Foil	O	0.01-0.024	40-100	≥1
			0.025-0.04	45-100	≥2
			0.041-0.07	45-100	≥4
	Aluminium foil for electrical/battery industry	H18	0.01-0.07	≥135	-
			0.013-0.018	≥135	-
			Aluminium foil for cable industry	O	0.10-0.15
Aluminium foil for cable industry	H18	>0.15-0.20	70-110	≥20	
		0.10-0.20	≥135	-	

#### The advantages of Haomei Aluminum Foil 1145 are:

1. Strictly control the width and thickness of the finished product, and the thickness up and down is guaranteed to be within 4%;
2. To ensure the quality of the slice, the end face is aligned, no burr, tower shape, etc.;
3. Ensure that the tape at the joint does not stick to a layer;
4. The layout is smooth, no edge, oil spots, black oil spots, bright lines, roller prints, bumps and so on.

