Heat Transfer Aluminum Strip Sheet

TaiXing Aluminum supply the whole range of products heat transfer unclad aluminum strip sheet, plain and coated material to the various processes for brazing or mechanically joining of heat exchangers.

Our products are of the highest quality to meet the developing and demanding requirements of the market, i.e. improved strength, sag resistance, corrosion resistance.

Aluminum strip sheet are widely used for manufacturing of various kinds of Heat Exchangers; Air Conditioner; Condensers; Evaporators; Engine Cooling; Radiators; Heater Cores; Charge Air Coolers, Intercoolers; Engine Oil Coolers / Transmission Oil Coolers and so on.

Name		Alloy	Specification	Application
Aluminum Fin Material H16 /H14	Unclad Aluminum Fin Strip Sheet	3003+1.5%Zn、3003+1.5%Zn+Zr	Thickness：0.05~0.35mm Width：10mm	Fin for heat radiator of automobile and power station
	Cladding Aluminum Fin Strip Sheet	Core Materiall：3003+1.5%Zn Cladding Material：4343		
Tube Material（H16、H14/ H26、H24）	Unclad Aluminum Tube Strip Sheet	3003	Thickness：0.2-0.5mm Width：26-200mm	Aluminum Tube material for automobile tank
	Cladding Aluminum Tube Strip Sheet	Core Material：3003 Cladding Material :4343/7072		

Header / side plate (O temper)	Cladding Aluminum Fin Strip Sheet	Core Material 芯材：3003 Cladding Material ： 4343(both side)	Thickness： 1.0-2.5mm Width： 30~1400mm Plate Length： 1000~6000mm	Header / side plate for automobile tank
	Unclad Aluminum Tube Strip Sheet	3003		
heat collector tube (H14)		Core Material：3003 Cladding Material：4045 (one side)	Thickness： 1.0~2.0mm	Automobile Air conditioning manifold
Evaporator tube sheet material		Core Material：3003 Cladding Material 1/2： 4343/4343	Thickness： 0.4-0.6mm Width： 30~1400mm	Laminated evaporator

Unclad Aluminum Strip Sheet Physical Property Data								
Alloy	Temper	Thickness (mm)	Tolerance (mm)	Clad Ratio (%)	Tensile Strength (MPa)	Yield Strength (MPa)	Elongation (%) Min	Application

3003	H14	0.08~0.12	±0.005	None	150~200	≥120	1	Evaporator fin and plate
3003	H26	0.3~0.35	±0.015	None	190~220	≥160	8	Glass mounting bracket material
3003	H14	0.06~0.1	±0.005	None	150~200	≥120	1	Radiator fin and plate
4343/3003/4343	H14	0.06~0.1	±0.005	8~12	150~200	≥120	1	
4343/3003/4343	H14	0.08~0.12	±0.005	8~12	150~200	≥120	1	Parallel condenser fin
4343/3003/4343	H14	0.1~0.12	±0.005	8~12	150~120	≥120	1	Charge air cooler material
4045/3003/4045	H14	0.1~0.12	±0.005	8~12	150~200	≥120	1	
1060	O	0.35~0.4	±0.02	None	55~95	≥15	25	Air cooling fin material for tubes
1100	O	0.35~0.4	±0.02	None	75~105	≥25	25	
3003	O	0.2~0.	±	No	100	≥	1	Aluminium for

		3	0.01	ne	~150	45	5	heating element
3003	H16	0.5~0.7	±0.02	None	150~210	≥120	1	
4047	H18	0.05~0.1	±0.005	None	≥200	≥170	0.5	
4047	O	0.4~0.5	±0.02	None	80~140	≥35	12	Welding wire
7072	H19	0.12~0.15	±0.005	None	145~172	≥15	0.5	Fin stock
4A13	H18	0.05~0.1	±0.005	None	≥190			