

3105 aluminum roll jacketing

Product Description

3105 aluminum insulation jacketing roll coil is an essentially 98% pure aluminium alloy with minor additions for strength, which is used in general sheet metal works requiring greater strength than is provided by 1000 series alloys. Most commonly this alloy is used for construction and piping insulation jacketing fields, because of its excellent corrosion resistance, formability and welding characteristics.



Chemical Composition:

Chemical Composition of 3105 aluminum insulation jacketing roll coil												
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Others		Aluminum
										Each	Total	
EN AW-3105	0.6	0.7	0.30	0.3—0.8	0.2 - 0. 8	0.2	-	0.40	0.10	0.05	0.15	Remainder

Physical Property of 3105											
Temper	Specified thickness mm		R _m MPa		R _{p0.2} MPa		Elongation min. %		Bend radius ^a		Hardness ^c HBW ^a
	over	Up to	Min.	Max.	Min.	Max.	A _{50mm}	A	180°	90°	
H14	0.5	1.5	150	200	130		2		2.5t		48

Specification:

Alloy: 3105

Temper: H14, H16, H24, H26

Thickness: 0.4mm--1.5mm

Standard width: 914mm, 1000mm, 1200mm, 1219mm

Surface: mill finish, stucco embossed(orange peel), corrugated

Inner diameter: 305mm, 405mm, 505mm, with paper core, or without core

Out diameter: According to coil weight and finish, most common coils length: 125m, 150m, 250m, 300m, 500m, 1000m,2540m

Surface lamination: color coated, kraft paper laminated, polysurlyn film laminated

Kraft paper thickness: about 0.1mm

Polysurlyn thickness: about 0.076mm (3mil)

Quality standard: ASTM B209, EN573-1

Quantity: have ready stock for most common thickness roll, small quantity order are acceptable.



Product Information

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Application :

1. It can be used for the protection of pipes, fittings and equipment.
2. It can also be used for the jacketing of the equipment, instruments and tanks.