

**Product Description**

3003 aluminum insulation jacketing roll coil is one of the most commonly used of all aluminum alloys, essentially commercial pure aluminum with the addition of manganese to increase its strength about 20%. It has all the excellent properties of alloy 1100; has excellent corrosion resistance plus the ability to be easily drawn or spun, welded or brazed. 3003 aluminum insulation jacketing roll coil is widely used in the pipeline insulation in oil, chemical, power plant, heating and other industries.



**Chemical Composition:**

Chemical Composition of 3003 aluminum insulation jacketing roll coil												
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Others		Aluminum
										Each	Total	
EN AW-3003	0.6	0.7	0.05-0.20	1.0—1.5	—	—	—	0.10	—	0.05	0.15	99.00

Physical Property of 3003											
Temper	Specified thickness mm		R <sub>m</sub> MPa		R <sub>p0.2</sub> MPa		Elongation min. %		Bend radius <sup>a</sup>		Hardness <sup>c</sup> HBW <sup>a</sup>
	over	Up to	Min.	Max.	Min.	Max.	A <sub>50mm</sub>	A	180°	90°	
H14	0.5	1.5	145	185	125		2		2.0t	1.0t	46

**Specification:**

- Alloy: 3003
- 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

# 3003 aluminum roll jacketing

### 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.