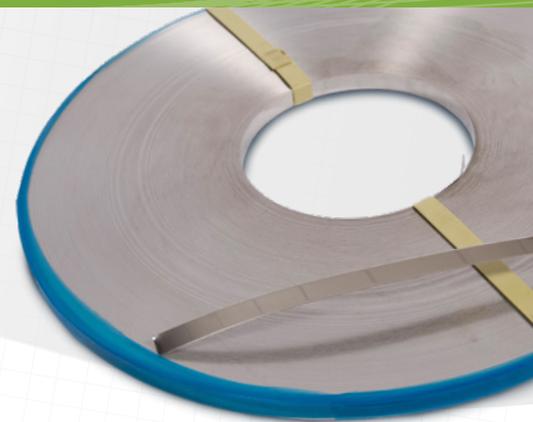


# ALUMINUM BANDING



## PRODUCT DESCRIPTION

Ideal Products' Aluminum banding conforms to ASTM B209. Standard alloys for aluminum are 3003, 3105 and 5052. Boxed ribbon wound banding is available in 1/2" and 3/4" widths, in thicknesses of 0.015" and 0.020" and in lengths of 200 ft and 900 ft. Oscillated banding is available in 33 lb. aluminum coils.

## PRODUCT APPLICATION

Aluminum banding is the perfect choice when installing aluminum jacketing over insulation where screws are not allowed per the specification. When combined with our in-house manufactured 0.024" thick wing seals or with 0.032" heavy duty seals, banding provides an extra layer of protection for the insulation when securing the metal jacket. Banding is also utilized when jacketing tanks, vessels and round ducts.

## PHYSICAL PROPERTIES

### FINISHES

SMOOTH (MILL FINISH)

### BANDING LENGTH AND WEIGHT

BANDING TYPE	LENGTH	WEIGHT (.020")
1/2" Aluminum	200 ft.	2.5 lbs.
1/2" Aluminum	900 ft.	10 lbs.
3/4" Aluminum	200 ft.	3.5 lbs.
3/4" Aluminum	900 ft.	15 lbs.
1/2" Aluminum	Oscillated	33 lbs.
3/4" Aluminum	Oscillated	33 lbs.

## MATERIAL SPECIFICATIONS

ASTM B209	Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
ASTM C1729	Standard Specification for Aluminum Jacketing for Insulation
ALLOY	3003/3105/5052
TEMPERS	H14, H24
THICKNESSES	0.020"
MELTING POINTS	660 °C (1220 °F)
TENSILE STRENGTH ksi (min.) per ASTM B209	3003: 20–26 3105: 22–29 5052: 31–38
YIELD ksi (min.) per ASTM B209	3003: 17 3105: 18 5052: 23
ELONGATION % per ASTM A240	3003: 3 3105: 1 5052: 5
ASTM E84 Flame Spread/Smoke Development	25/50 or Less
ASTM C1371 Surface Emittance	>0.04 New; 0.1 Oxidized in Service

**Safer. Smarter. Faster.**

CANADA 1.800.299.0819 | USA 1.888.877.7685 | WWW.IDEALPRODUCTS.CA

