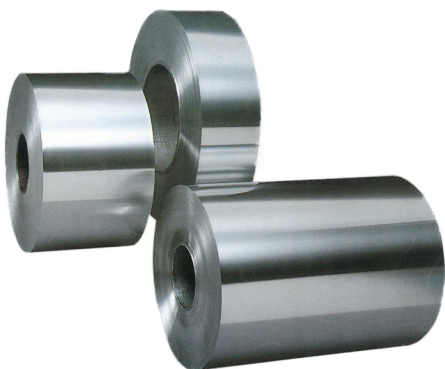
A large photograph showing several tall stacks of aluminum foil rolls. The rolls are cylindrical and have a bright, metallic sheen. They are arranged in a slightly overlapping manner, creating a sense of depth and volume. The background is a neutral, light gray.

# PLAIN FOIL

Infinite Possibilities. Build For The Future.



## ABOUT PLAIN FOIL

Apart from its applications in packaging, air-conditioning and cable manufacturing, Alcom's foil is also used in the production of flexible ductings, aluminium tapes, containers, packaging materials and many other applications. We call it Plain Foil.

For certain specific industrial applications, its bright surface finish on both sides can be lubricated or supplied dry for subsequent coating of heat seal or lacquer layers.

This foil is available in AA1050, AA1100, AA1200, AA8011, AA3105 alloy and comes in thicknesses of 0.06mm - 0.20mm and in various tempers and sizes. Our technical staff is fully equipped to assist in the selection of the right specifications.

*When ordering, please state alloy, temper, thickness, width, coil size, surface finish, final application/end product and quantity. Our product data is shown overleaf.*

# ALUMINIUM - METAL OF THE FUTURE



Lightweight



Corrosion Resistance



High Thermal Efficiency



Reflectivity



Ductile & Malleable



Recyclability



Buy-Back Guarantee

## Standard Product Specifications

ALLOY: AA1050, AA1100, AA1200, AA8011, AA3105

Chemical Composition Limits (% by weight)

Elements Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others		Al
									Each	Total	
AA1050	0.25	0.4	0.05	0.05	0.05	-	0.05	0.03	0.03	-	99.50 min
AA1100	0.95 Si + Fe		0.05 - 0.20	0.05	-	-	0.10	-	0.05	0.15	99.0 min
AA1200	1.00 Si + Fe		0.05	0.05	-	-	0.10	0.05	0.05	0.15	99.00 min
AA3105	0.60	0.80	0.30	0.50 - 0.90	0.20 - 0.70	0.10	0.25	0.10	0.05	0.15	Remain der
AA8011	0.50 - 0.90	0.60 - 1.0	0.10	0.20	0.05	0.05	0.10	0.08	0.05	0.15	Remain der

Ultimate Tensile Strength (MPa)

Temper Alloy	O		H2		H4		H6		H8	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
AA1050	60	100	80	120	95	125	120	145	125	-
AA1100	75	105	95	130	110	145	130	165	150	-
AA1200	75	105	95	130	110	145	130	165	150	-
AA3105	95	145	130	180	150	200	170	220	190	-
AA8801	85	130	105	145	125	165	145	185	160	-

Standard Specifications

Temper	O, H2, H4, H6, H8
Thickness	0.060 - 0.200 mm
Width	90 - 1250 mm
Internal Diameter	76mm / 152mm / 200mm / 300mm
Core Material	Paper / Aluminium / Steel
Surface Finish	Bright both sides
Surface Coating	For "O" temper only. Wetting by 90--10%, water-alcohol solution.
Packing	Up to 2000kg per coil

All illustrations and specifications contained in this brochure are based on the latest product information available at the time of publication. As a result of continuing product development and improvement, we reserve the right to make changes and to discontinue any item or process at any time without notice.

PLAIN FOIL

Our vision and company values reflect our capabilities and aspirations, and the unique properties of the products that we make. Our future lies in continually reinforcing the value proposition we offer to our customers and the commitments we've made to all our stakeholders including the environment and the communities in which we operate. We will build on our legacy and continue to create high-value products to make the world lighter, brighter and better.



## CONTACT US

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marketing@alcom.com.my  
www.alcom.com.my

# DIAPHRAGM FOIL



Infinite Possibilities. Build For The Future.



## ABOUT DIAPHRAGM FOIL

Alcom's diaphragm foil comes with lacquered surface for the food packaging industry. The highest standard of cleanliness and hygiene is maintained in the production of the foil in accordance with the strict requirements of the food industry. In addition, the lacquer used is approved by the United States Food and Drug Administration (FDA).

The foil is highly workable and can be used in various types of forming machines. For the benefit of customers, our diaphragm foil can also be made to their specifications.

*When ordering, please state alloy, temper, thickness, width, coil size, coating weight and quantity. Our product data is shown overleaf.*

# ALUMINIUM - METAL OF THE FUTURE



Lightweight



Corrosion Resistance



High Thermal Efficiency



Reflectivity



Ductile & Malleable



Recyclability



Buy-Back Guarantee

## Standard Product Specifications

### ALLOY: AA1100

#### Chemical Composition Limits (% by weight)

Elements Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others		Al
	0.95 Si + Fe		0.05 - 0.20	0.05	-	-	0.10	-	Each	Total	
AA1100	0.95 Si + Fe		0.05 - 0.20	0.05	-	-	0.10	-	0.05	0.15	99.0 min

#### Ultimate Tensile Strength (MPa)

Temper Alloy	O		H2		H4		H6		H8	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
AA1100	75	105	95	130	110	145	130	165	150	-

#### Standard Specifications

Temper	O, H22, H24, H26, H18
Thickness	0.060mm - 0.200mm
Width	70mm - 1200mm
Coil I.D.	with core: 76mm, 152mm, 200mm, 300mm
Core Material	Paper / Aluminium / Steel
Surface Finish	Bright both sides
Surface Coating	For "O" temper only. Wetting by 90--10%, water-alcohol solution. Lacquered (FDA approved lubricant).
Packing	Up to 1500kg per crate

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DIAPHRAGM FOIL

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# CABLE FOIL



Infinite Possibilities. Build For The Future.

## ABOUT CABLE FOIL

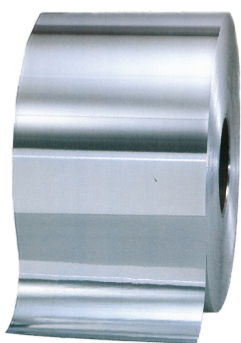
Cable foil is used for conversion into cable wrap required in the manufacture of telecommunication cables as a moisture barrier.

Alcom's cable foil is specially made for both the extrusion and lamination process of conversion to cable wrap. It has a well maintained oil-free surface to enhance the adhesion of the polyethylene coatings during the conversion process. Its metallurgical and chemical properties and coil length are meticulously maintained

and controlled to give a quality product for the benefit of customers.

The cable foil is normally supplied in AA1100 alloy and in soft temper. The dimensions such as thickness, width and length are made to customers' specifications.

*When ordering, please state alloy, temper, thickness, width, length of coil, ID of coil, minimum surface dryness, tolerances and quantity. Our product data is shown overleaf.*



# ALUMINIUM - METAL OF THE FUTURE



Lightweight



Corrosion Resistance



High Thermal Efficiency



Reflectivity



Ductile & Malleable



Recyclability



Buy-Back Guarantee

## Standard Product Specifications

### ALLOY: AA1100

#### Chemical Composition Limits (% by weight)

Elements Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others		Al
	0.95 Si + Fe		0.05 - 0.20	0.05	-	-	0.10	-	Each	Total	
AA1100	0.95 Si + Fe		0.05 - 0.20	0.05	-	-	0.10	-	0.05	0.15	99.0 min

#### Ultimate Tensile Strength (MPa)

Temper Alloy	O		H2		H4		H6		H8	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
AA1100	75	105	95	130	110	145	130	165	150	-

#### Standard Specifications

Temper	O, H8
Thickness	0.080mm - 0.200mm
Width	60mm - 1200mm
Coil I.D.	with core: 76mm, 152mm, 203mm, 300mm
Core Material	Paper / Aluminium / Steel
Length	Up to 4500m
Surface Finish	Bright both sides
Surface Coating	For 'O' temper only, wetting by 90-10% water alcohol solution (Good for 1 or 2 side PE coating by lamination as well as extrusion process).
Packing	Up to 1500kg per crate

All illustrations and specifications contained in this brochure are based on the latest product information available at the time of publication. As a result of continuing product development and improvement, we reserve the right to make changes and to discontinue any item or process at any time without notice.

CABLE FOIL

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