



Web Packaging Solutions
TRUSTED PARTNERS FOR FLEXIBLE PACKAGING



Product Brochure | Aluminum Foils



Web Packaging Solutions
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Mission

Help customers take educated and well-informed decisions based on our knowledge, experience, and global presence.

Exceed our customer's expectations with excellence in product quality and customer service.

Endeavor to achieve and maintain long-term relationships with vendors and customers.

Help customers achieve an advantage over their competition with unique tailor-made products.



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Core Values

Reliability: Our customers rely on us to get the right job done.

Service: Our service exceeds the expectations of our customers by magnitudes.

Innovation: We are proud of our unique custom-designed solutions for our customers.

Network: We believe that the value of our network defines our competitive advantage.

Global Reach: Our global presence allows us to deliver the best solutions that the world has to offer.

Quality: We strive to produce the best quality products for our customers.

Synergy: We partner with our customers to make them successful in their ventures.



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Discover the WPS Edge, where experience, commitment, and innovation converge

With over three decades of industry immersion, our unmatched expertise adds perspective and value to every interaction.

Solid financial backing empowers us to stand firm, even in challenging times.

Our operations are supported by a dedicated logistics team, ensuring seamless transactions.

Certified for excellence. Products supplied by WPS are sourced from facilities with various quality certifications, including OHSAS, ISO, BRC, etc., ensuring the highest standards in every delivery.

Innovation fuels our journey – expect cutting-edge tech support and pioneering product development.

Cost-efficiency isn't just a phrase – it's a commitment. Our competitive rates underline this credo.

North America is our prime geography, with multiple warehousing locations for enhanced accessibility.

At WPS, packaging isn't just a product; it's a solution. Our R&D teams craft tailored packaging innovations to your pressing packaging problems.



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-  Independent Sales Representatives
-  Suppliers
-  Customers

Global Presence



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Web Aluminum Foil

Unleash Innovation

Aluminum Foil supplied by WPS assures outstanding mechanical and barrier properties. It is versatile for various applications such as coffee packing, cable insulation, cigarette wrappers, pharmaceuticals, and household uses.

Our products are manufactured in Asia in facilities with an annual manufacturing capacity of more than 100 Million lbs./year. Our range includes thickness from 6mic (0.000236") to thicker foils for the food services industry. The product consists of different alloys from 1000 series, 8000 series, etc.

Streamlined Excellence

Facilities meet cGMP requirements of global healthcare industries, and products are DMF registered with USFDA.

The production process is fully integrated from foil stock to foil converting lamination with multiple QA/QC processes along the way – all with one objective of providing safe, high-quality, tested products to our customers.



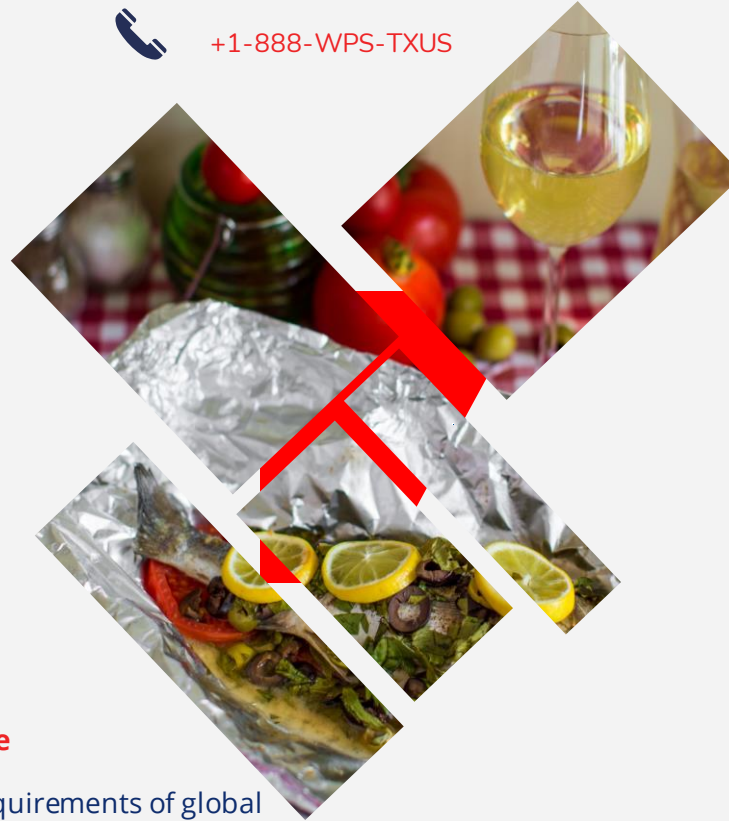
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The existing facilities are equipped with the latest technologies, including cold rolling mills, annealing furnaces, foil separators, roll grinding machines, coating machines, slitting lines, heat & press lamination machines.

Competitive Logistics

The manufacturing facilities are based in the most cost-competitive regions/locations with easier access to major ports for easier raw and finished goods logistics. Given our world-class capacity and competitive posture, we are fully geared to be your right choice of supplier.





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Aluminum Foil – List of Products

Aluminum Foil stock	Specifications
Alloy	1235/8011/8079
Temper	H14/H16/H24/H26
Thickness	0.28mm~0.3mm (±0.01mm)
Width	405/505/508mm
Core ID	Good appearance with no-crack and well-distribute grain.
Surface Quality	Tight slit edges free from cracks, layer to layer shift not more than 2 mm.
Build up	Tight slit edges free from cracks, layer to layer shift not more than 2 mm.
Profile	-0/+1%
Flatness	Mill flatness coil having slight edge waviness rather than center buckles shall be acceptable.
Rolling Performance	Re-rollable to the final desired gauges
Standard	GB/T3198 / ASTM-B209

Light Gauge Foil	Specifications
Application	Cigarette Package, Aseptic Package, Pouches, Sachets
Alloy	1235/8011/8079
Temper	0
Thickness & Tolerance	0.006mm-0.009mm (±6%)
Width & Tolerance	200mm-1650mm (±1mm)
Mechanical Properties	Tensile Strength(U.T.S)≥40Mpa, Elongation≥1%
Standard	GB/T3198 / ASTM-B209 / EN546



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Aluminum Foil – List of Products

Household Foil	Specifications
Application	Household package
Alloy	8011/1235
Temper	0
Thickness & Tolerance	0.009mm-0.04mm (±6%)
Width	200mm-720mm
Mechanical Properties	Tensile Strength(U.T.S)≥50Mpa, Elongation≥1%
Standard	GB/T3198 / ASTM-B209 / EN546

Pharmaceutical Foil	Specifications
Application	PTP foil, cold-forming foil, alu-alu foil
Alloy	8006/8011/8079
Temper	H18/O
Thickness & Tolerance	0.02mm-0.09mm (±6%)
Width & Tolerance	200mm-1650mm (±1mm)
Mechanical Properties	Tensile Strength(U.T.S)≥160Mpa, Elongation≥1%
Standard	GB/T3198 / ASTM-B209 / EN546



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Aluminum Foil – List of Products

Lidding Foil	Specifications
Application	Lid of yogurt package, dairy package
Alloy	8006/8011/ 8079
Temper	0
Thickness & Tolerance	0.03mm-0.05mm (±5%)
Width & Tolerance	200mm-1650mm (±1mm)
Mechanical Properties	Tensile Strength(U.T.S)≥50MPA, Elongation≥1%
Standard	GB/T3198 / ASTM-B209 / EN546

Container Foil	Specifications
Application	For different food container, such as dishes, plates, trays, etc.
Alloy	8011 /3003
Temper	O/H22/H24
Thickness & Tolerance	0.05mm-0.20mm (±8%)
Width & Tolerance	200mm-1650mm (±1mm)
Mechanical Properties	Tensile Strength(U.T.S)≥49MPA, Elongation≥1%
Standard	GB/T3198 / ASTM-B209 / EN546



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Aluminum Foil – List of Products

Cable Wrapping Foil	Specifications
Application	Cable Wrapping
Alloy	1145/1200/1235/ 1100/ 1050 /8011
Temper	0
Thickness & Tolerance	0.10mm-0.20mm (±6%)
Width & Tolerance	200mm-1650mm (±1mm)
Mechanical Properties	Tensile Strength(U.T.S)≥60MPA, Elongation≥10%
Standard	GB/T3198 / ASTM-B209 / EN546

Air Conditioning Foil	Specifications
Application	Engine cooling and air conditioning in cars and other vehicles
Alloy	8011/1100/1235
Temper	O/H18/H22/H24/H26
Thickness & Tolerance	0.007mm-0.20mm (±6%)
Width & Tolerance	200mm-1650mm (±1mm)
Mechanical Properties	Tensile Strength(U.T.S)≥80MPA, Elongation≥1%
Standard	GB/T3198 / ASTM-B209 / EN546



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Aluminum Foil – List of Products

Other Foil	Specifications
Application	Foil bags, building insulation, ducting pipe
Alloy	1050/1100/8011
Temper	0
Thickness & Tolerance	0.01mm-0.20mm (±8%)
Width & Tolerance	200mm-1650mm (±1mm)
Mechanical Properties	Tensile Strength(U.T.S)≥40MPA, Elongation≥1%
Standard	GB/T3198 / ASTM-B209 / EN546

Lacquered Pharmaceutical Foil	Specifications
Application	PTP foil, cord-forming foil, alu-alu foil
Alloy	8011/8006/8079
Temper	H18/O
Thickness & Tolerance	0.02mm-0.09mm (±6%)
Width & Tolerance	200mm-1650mm (±1mm)
Lacquer	HSL or PVC
Primer	Primer for Printing
Standard	GB/T3198 / ASTM-B209 / EN546 Lacquered Lidding Foil Application Lid

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Aluminum Foil – List of Products

Lacquered Lidding Foil	Specifications
Application	Lid of yogurt package, dairy package
Alloy	8006/8011/ 8079
Temper	0
Thickness & Tolerance	0.03mm-0.05mm (±5%)
Width & Tolerance	200mm-1650mm (±1mm)
Lacquer	HSL for PP/PS
Primer	Primer for printing
Standard	GB/T3198 / ASTM-B209 / EN546 Lubricant Container

Lacquered Container Foil	Specifications
Application	For different food container, such as dishes, plates, trays, etc.
Alloy	8011/3003
Temper	O/H22/H24
Thickness & Tolerance	0.05mm-0.20mm (±8%)
Width & Tolerance	200mm-1650mm (±1mm)
Lubricant	Lubricant
Standard	GB/T3198 / ASTM-B209 / EN546



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Aluminum Foil – List of Products

Lacquered Insulation Foil	Specifications
Application	For ducting systems
Alloy	8011/1100
Temper	O/H22/H24
Thickness & Tolerance	0.05mm-0.20mm (±8%)
Width & Tolerance	200mm-1650mm (±1mm)
Lacquer	Epoxy/polyurethane coating to stick with PU foam
Primer	Anti-Bacterial Primer
Standard	GB/T3198 / ASTM-B209 / EN546

Lacquered Container Foil	Specifications
Application	For different food container, such as dishes, plates, trays, etc.
Alloy	8011/3003
Temper	O/H22/H24
Thickness & Tolerance	0.05mm-0.20mm (±8%)
Width & Tolerance	200mm-1650mm (±1mm)
Lubricant	Lubricant
Standard	GB/T3198 / ASTM-B209 / EN546



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THANK YOU



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