

Artus Shim Stock

Shim Stock Trusted Throughout the World

ARTUS

The Artus Corporation



Since 1941, Artus has been manufacturing shims and shim stock with quality materials, precision engineering, and devoted attention to you, the customers. The result is Artus Shim Stock: rust-proof, non-hygroscopic, impervious to oil, safer to handle, and more convenient to store. Our custom shim stock meets the exacting demands of all industries with exceptional durability and a uniform thickness guarantee. Best of all, cutting the stock to size helps you save on material costs.

Easily cut shim stock to the sizes you need or use it as-is. Plastic shim stock can be cut into shims and gaskets using only a ruler, divider, and scissors. Both plastic and metal shim stock are available in standard or custom-cut sheet sizes and assorted or single thickness packages.

The Color Tells the Thickness

Color-coded shim stock is available in aluminum and plastic for your convenience. Each color represents a specific shim thickness, making distinguishing between thicknesses quick and easy. With variations in shim thickness being as little as 0.00025", differentiating by the color instead of measuring shims drastically saves time and reduces errors.

For personalized customer service, call (201) 568-1000 or email shims@artusworld.com. Artus technical personnel can assist you with spec development, cost estimates, and delivery schedules for no additional charge. Get fast service and delivery, with orders shipped sooner in emergencies.

Artus Color Thickness Chart

"The color tells the thickness"

			
Silver 0.0005" - 0,01mm	Gold 0.00075" - 0,02mm	Amber 0.001" - 0,025mm	Purple 0.0015" - 0,04mm
			
Red 0.002" - 0,05mm	Green 0.003" - 0,08mm	Tan 0.004" - 0,1mm	Blue 0.005" - 0,125mm
			
Transmatte 0.0075" - 0,19mm	Brown 0.010" - 0,25mm	Black 0.0125" - 0,31mm	Pink 0.015" - 0,14mm
			
Yellow 0.020" - 0,5mm	White 0.025" - 0,6mm	Coral 0.030" - 0,75mm	

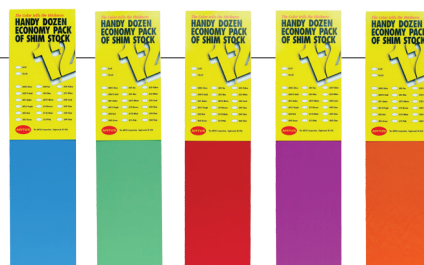
Thicknesses Available in:

Clear plastic: • 0.0025" - 0,005mm • 0.040" - 1mm • 0.050" - 1,25mm • 0.060" - 1,5mm

Natural Aluminum: • 0.001" - 0,025mm • 0.0015" - 0,04mm • 0.007" - 0,19mm • 0.012" - 0,30mm

Plastic Only • 0.005" - 0,01mm • 0.00075" - 0,02mm

www.artusworld.com | shims@artusworld.com | 201.568.1000



Material Options

We offer five shim stock material options

Color-Coded Plastic Shim Stock

Light and pliable, Artus color-coded plastic shim stock can be easily cut into the shims and gaskets you want at the exact specs you require. Plastic shim stock is color-coded by thickness for quick and easy identification. View the thickness chart to see the list of colors and sizes.

Artus Plastic Shim Stock is available in single thicknesses or shim stock assortment kits:

"HANDY DOZEN" Single Thickness Package

- Order size: 12 sheets of any one thickness
- Sheet sizes: 5" x 20" or 10" x 20"
- Thicknesses: Any one thickness from 0.0005" to 0.060" (see thickness chart)

Spiral Bound Shim Stock Assortment Package

- Order size: 15 sheets of assorted thicknesses
- Sheet sizes: 5" x 20", 10" x 20", 12" x 24", 20" x 20", 20" x 50"
- Thicknesses: One sheet of each thickness from 0.0005" to 0.030" (see thickness chart)

Custom Plastic Shim Stock

- Sheet sizes: Up to 40" x 50"
- Thicknesses: 0.0005" to 0.060"

Color-Coded Aluminum Shim Stock

Non-compressible, burr-free, rust-proof, and long-lasting, Artus aluminum stock works best under pressure and stands up to heat. It performs reliably in high ambient temperature applications exceeding 500° F (260° C). Aluminum shim stock is color-coded by thickness for quick and easy identification.

Artus Aluminum Shim Stock is available in single thicknesses or shim stock assortment kits:

Single Thickness Packages

- Order size: 10 sheets of any one thickness
- Sheet sizes: 8" x 12", 6" x 24", 12" x 24"
- Thicknesses: Any one thickness from 0.001" to 0.031" (see thickness chart)

Aluminum Shim Stock Assortment Package

- Order size: 10 sheets of assorted thicknesses
- Sheet sizes: 6" x 24", 12" x 24"
- Thicknesses: One sheet of each thickness from 0.002" to 0.031" (Thicknesses 0.001", 0.0015", and 0.012" are not color-coded or included in standard assorted packages)

Custom Aluminum Shim Stock

- Sheet sizes: Up to 24" x 36"
- Thicknesses: 0.001" to 0.031"



Stainless Steel and Low Carbon Steel Shim Stock

When you need your shims to perform reliably under extreme conditions and applications, Artus steel shim stock is unequaled. Our stainless-steel shim stock uses Stainless Steel 300 Series Alloy, making it non-corrosive and rust-proof. Our low carbon steel shim stock uses Cold Rolled 1010 Steel, making it extremely durable, ductile, and economical.

Produced in flat sheets up to 24" x 36", our steel shim stock is safer to handle because it won't dangerously uncurl as rolled stock does. The material is easy to cut, allowing you to reduce waste and save. We package the sheets for easy access and storage.

Artus Stainless and Low Carbon Steel Shim Stock are available in single thicknesses or shim stock assortment kits:

Single Thickness Packages

- Order sizes: 10 sheets of any one thickness
- Sheet sizes: 8" x 12", 24" x 36"
- Thicknesses: Any one thickness from 0.001" to 0.030" for Stainless and from 0.002" to 0.125" for Low Carbon Steel (see thickness chart)

Stainless Steel Shim Stock Assortment Package

- Order size: 10 sheets of assorted thicknesses
- Sheet sizes: 8" x 12"
- Thicknesses: One sheet of each thickness from 0.002" to 0.030" (see thickness chart)

Low Carbon Steel Shim Stock Assortment Package

- Order size: 11 sheets of assorted thicknesses
- Sheet sizes: 8" x 12"
- Thicknesses: One sheet of each thickness from 0.002" to 0.030" (see thickness chart)

Custom Steel Shim Stock

- Sheet sizes: Up to 24" x 36"
- Thicknesses: 0.001" to 0.060" (see thickness chart)

Brass Shims

Artus offers long-wearing brass shim stock made with high-quality 70/30 B36 Cartridge Brass. It is non-corrosive, easy to use, and easy to cut. Our brass shim stock is safer to handle because it is produced in flat sheets up to 24" x 36" and won't dangerously uncurl as rolled stock does. The sheets offer the additional advantages of economy (less waste in cutting) and space-saving storage.

Artus Brass Shim Stock are available in single thicknesses or shim stock assortment kits:

Single Thickness Packages

- Order sizes: 10 sheets of any one thickness
- Sheet sizes: 8" x 12"
- Thicknesses: 0.001" to 0.030" (see thickness chart)

Brass Shim Stock Assortment Package

- Order size: 10 sheets of assorted thicknesses
- Sheet sizes: 8" x 12"
- Thicknesses: One sheet of each thickness from 0.001" to 0.020" (see thickness chart)

Custom Brass Shim Stock

- Sheet sizes: Up to 24" x 36"
- Thicknesses: 0.001" to 0.030" (see thickness chart)



Specifications

Shim Thicknesses and Colors by Material

Thickness	Plastic (P)	Color-Coded Plastic Color	Aluminum (A)	Color-Coded Aluminum Color	Stainless Steel (SS)	Low Carbon Steel (LC)	Brass (B)
0.0005" (0.01mm)	P	Silver					
0.00075" (0.02mm)	P	Gold					
0.0015" (0.04mm)	P	Purple	A	Uncolored			
0.002" (0.05mm)	P	Red	A	Red	SS	LC	B
0.003" (0.08mm)	P	Green	A	Green	SS	LC	B
0.004" (0.1mm)	P	Tan	A	Tan	SS	LC	B
0.005" (0.125mm)	P	Blue	A	Blue	SS	LC	B
0.007" (0.18mm)			A	Natural	SS	LC	B
0.0075" (0.19mm)	P	Transmatte					
0.010" (0.25mm)	P	Brown	A	Brown	SS	LC	B
0.012" (0.3mm)			A	Uncolored	SS	LC	
0.0125" (0.31mm)	P	Black					B
0.015" (0.4mm)	P	Pink	A	Pink	SS	LC	B
0.020" (0.5mm)	P	Yellow	A	Yellow	SS	LC	B
0.025" (0.6mm)	P	White	A	White		LC	
0.030" (0.75mm)	P	Coral	A	Coral	SS	LC	B
0.040" (1mm)	P	Clear			SS	LC	
0.050" (1.25mm)	P	Clear					
0.060" (1.5mm)	P	Clear			SS	LC	
0.125" (3.18mm)						LC	



The Artus Corporation

201 South Dean Street Englewood, NJ 07631 USA

Phone: +1 201.568.1000 | Fax: +1 201.568.8865 | Hours: Mon-Fri : 9am-6pm | Email: shims@artusworld.com