

LINEAR TOOLS



The quick guide to

PRECISION BRAND

COLOUR CODED

SHIM STOCK

Introduction

Precision Brand's products were originally created for the Tool & Die Industry. The company moved into the Maintenance, Repair and Operations of factories.

Precision Brand product's can also be found within the Following industries:

- Aerospace
- Automotive
- Lumber
- Nuclear
- Paper
- Power Generation
- Pulp
- Refineries

Functions of Plastic Colour Coded Shim

Used in many of the same applications as Shim stock.

Can be used for gaskets or bearing shims.

Colour coded to distinguish thickness.

The Benefits of Plastic Colour Coded Shim

Colour coded to distinguish thickness.

Saves time by not needing to check thickness with Micrometer, and reduces error.

Easily cut.

Non-conductive to electricity.

Resists Oil.

Minimal compression during use

Shim Stock Sizes & Thickness

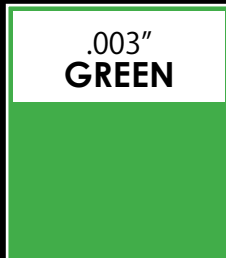
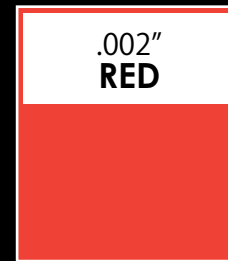
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5" x 20"

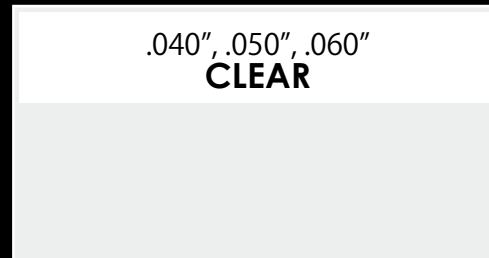
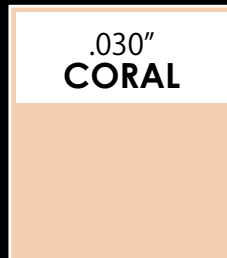
17 Thicknesses:

.0005" - .060"

The Colour Coding



The Colour Coding



Material Specifications

Size Range	0.0005"-0.005"	0.0075"-0.030"	0.040"-0.060"
Material	Polyester	Polyvinyl Chloride	Polyvinyl Chloride
Tensile Strength	30,000 PSI	6,600 PSI	14,000 PSI
Ultimate Elongation	90%	180%	180%
Folding Endurance (MIT)	Less than 100,000	37,000	37,000
Tear Strength (Elmendorf)	20g/mil	-	-
Moisture Absorption	0.08%	0.15%	0.15%
Thickness Tolerance	+/- 5%	+/- 5%	+/- 5%
Compression at 5000 PSI	1.0%	0.7%	0.7%
Service Temperature	-90-300 degrees F	-10-300 degrees F	-10-300 degrees F
Meets Specification	L-P-377	L-P-535	L-P-535

Further Reading/Related Products

The Quick Guide To Precision Brand Shim Stock.

- Available to download from www.lineartools.co.uk

The Quick Guide To Precision Brand Feeler Gauge.

- Available to download from www.lineartools.co.uk