



Plastic Shim

Plastic Shim Stock, color coded plastic shim stock in thickness from .0005" to .060". Each thickness is color-coded to provide users with an accurate, reliable recognition of thickness for ease of use. Material can be supplied in sheets and/or rolls depending on thickness. Standard sheet size is 24" x 50" and 24" x 48" for .025" and above.

D&D can also supply fabricated plastic shims and gaskets to your specifications:

Plastic Shim Colour Chart

Thickness	Colour
0.0005"	Clear
0.001"	Amber
0.0015"	Purple
0.002"	Red
0.003"	Green
0.004"	Tan
0.005"	Blue
0.006"	Clear
0.0075"	Transmatte
0.010"	Brown
0.012"	Black
0.015"	Pink
0.020"	Yellow
0.025"	White
0.030"	Coral
0.060"	Translucent

Surface coloring on grade #22 may dissolve in solvents without deterioration to the base material. All materials should be tested for suitability for food and drink contact as well as other performance requirements.

The information stated here is based on technical data that is believe to be reliable. Any application should be thoroughly tested to assure product reliability in every respect. We assumes no obligation or liability resulting from the use of the information contained herein and the user shall assume all risk and liability.

Performance/Engineering Data		
Material Types:	Plastic-Shim™#22	Plastic-Shim™#33
Physical		
Thickness Tolerance:	+/- 10%	+/- 10%
Upper Service Temp.:	302° F. (150° C.)	212° F. (100° C.)
Lower Service Temp:	-94° F (-70° C.)	-76° F. (-60° C.)
Melt Point:	491° F. (255° C.)	302° F. (150° C.)
Water Absorption:	0.80%	0.20%
Ultimate Elongation:	120%	110%
Tensile at Yield:	170 Mpa.	600 kg/cm
Compression at 500 psi:	0.11%	1.00%
Density:	1.39 g/cm ³	0.91g/cm ³
Ignition Temp.:	752° F. (400° C.)	572°F.(300° C.)
Creep:	0.90%	4.00%
Electrical		
Dielectric Strength:	280 kV/mm	400 V/mm
Volume Resistivity:	1×10 ¹³ cm	1×10 ¹⁴ cm
Surface Resistivity:	1×10 ¹⁶ cm	—
Chemical		
Acetic Acid:	Suitable	Suitable
Hydrochloric Acid 10%:	Suitable	Suitable
Sodium Hydroxide 10%:	Suitable	Suitable
Water:	Suitable	Suitable
Tricoethylene:	Suitable	Not Suitable
Detergent Oils 50° F. (10° C.)	Suitable	Suitable
Detergent Oil 194° F. (90° C.)	Not Suitable	Suitable
Other Hydrocarbon Oils:	Suitable	Not Suitable
Ammonium Hydroxide:	Not Suitable	Not Suitable