



Gauge Thickness Conversion Chart

Gauge to Mil Conversion Chart

Multiple varieties of plastic measurements can be confusing for anyone not familiar with the measurement being used. We have created a gauge conversion chart for readers to use ensuring they are finding the proper thickness of film. Below for reference we have common household items and standard thicknesses they come in. Below the gauge conversion chart we have common thicknesses of different packaging materials.

Home Use Saran Wrap - Typically 35-40 ga. Thickness

Home Use Ziplock Bags - Typically 1.5-2 Mil Thickness

Heavy Duty Trash Bags - Typically 2-3 Mil Thickness

Gauge	Mil	Micron	Millimeter
30	.30	7.6	.0076
40	.40	10	.0101
50	.50	12.5	.0127
60	.60	15	.0152

Gauge	Mil	Micron	Millimeter
75	.75	19	.0190
80	.80	20	.0203
90	.90	23	.0228
100	1.0	25	.0254
120	1.2	30	.0304
150	1.5	38	.0380
160	1.6	40	.0406
180	1.8	45	.0457
200	2.0	50	.0508

Common Stretch Film Thicknesses

- 47 Gauge Hand Stretch Film
- 63 Gauge Hand Stretch Film
- 80 Gauge Hand Stretch Film
- 120 Gauge Hand Stretch Film
- 50 Gauge Machine Stretch Film
- 63 Gauge Machine Stretch Film
- 80 Gauge Machine Stretch Film
- 150 Gauge Machine Stretch Film

Common Heat Shrink Film Thicknesses

60 Gauge Polyolefin Shrink Film

75 Gauge Polyolefin Shrink Film

75 Gauge PVC Shrink Film

100 Gauge Polyolefin Shrink Film

Common Packaging Tape Thicknesses

1.6 Mil Packing Tape

1.8 Mil Packing Tape

2.2 Mil Packing Tape

3.1 Mil Packaging Tape