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YOUR INNOVATIVE PACKAGING RESOURCE

Conversion Formulas

To determine weight per M:

(LDPE)W x L x Gauge divide by 15 = _____#/M

(HPDE)W x L X Gauge divide by 14.66 = _____#/M

(T-shirt) Above less 10% = _____#/M

Micron x .03937 = Mil

Millimeters x .03937 = Inches

Centimeters .3937 = Inches

The Topp Group LLC is a packaging broker firm dedicated to providing a range of high quality, made-to-order flexible packaging products to a network of wholesale distribution.

Decimal Equivalents

1	1,000	1/64	.0156
1/2	.500	3/64	.0469
1/4	.250	5/64	.0781
3/4	.750	7/64	.1094
1/8	.125	9/64	.1406
3/8	.375	11/64	.1719
5/8	.625	13/64	.2031
7/8	.875	15/64	.2344
1/16	.0625	17/64	.2656
3/16	.1875	19/64	.2969
5/16	.3125	21/64	.3281
7/16	.4375	23/64	.3594
9/16	.5625	25/64	.3906
11/16	.6875	27/64	.4219
13/16	.8125	29/64	.4531
15/16	.9375	31/64	.4844
1/32	.0313	33/64	.5156
3/32	.0938	35/64	.5469
5/32	.1563	37/64	.5781
7/32	.2188	39/64	.6094
9/32	.2813	41/64	.6406
11/32	.3438	43/64	.6719
13/32	.4063	45/64	.7031
15/32	.4688	47/64	.7344
17/32	.5313	49/64	.7656
19/32	.5938	51/64	.7969
21/32	.6563	53/64	.8281
23/32	.7188	55/64	.8594
25/32	.7813	57/64	.8906
27/32	.8438	59/64	.9219
29/32	.9063	61/64	.9531
31/32	.9688	63/64	.9844

High Density Production Gauges Compared with Approximate Strength Equivalents In Low Density and Linear Low Density

HMW/HD Gauge, Expressed in Microns	Same HMW/HD Gauge Expressed in MILS	Approximate Conventional LDPE (Low Density POLY) Strength Equivalent	Approximate LLDPE (Linear Low Density) Strength Equivalent
6	0.23	0.7 mil	.45 mil
7	0.27	0.8 mil	.55 mil
8	0.31	0.9 mil	.65 mil
9	0.35	1.0 mil	.70 mil
10	0.39	1.2 mil	.80 mil
11	0.43	1.3 mil	.85 mil
12	0.47	1.4 mil	.95 mil
13	0.51	1.5 mil	1.0 mil
14	0.55	1.65 mil	1.1 mil
15	0.59	1.75 mil	1.2 mil
16	0.63	1.9 mil	1.3 mil
17	0.66	2.0 mil	1.35 mil
18	0.70	2.1 mil	1.4 mil
19	0.74	2.2 mil	1.5 mil
20	0.78	2.4 mil	1.6 mil
21	0.82	2.5 mil	1.65 mil
22	0.86	2.6 mil	1.7 mil
23	0.90	2.7 mil	1.8 mil
24	0.94	2.8 mil	1.9 mil
25	0.98	3.0 mil	2.0 mil

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Poly Bag Dimensions

The first dimension stated when describing a poly bag is the width.

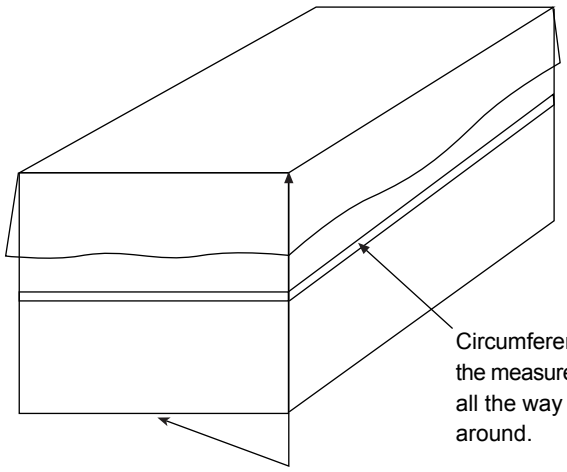
Flat Bags are described as:	Width x Length x Gauge
Side Gusset are described as:	Width x Gusset x Length; Gauge
Bottom Gusset are described as:	Width x Length x Bottom Gusset; Gauge

Bag measurements are INSIDE dimensions.

How to Measure for Box Liners

Width = (the circumference of the box + 2) +2 inches. The circumference equals the sum of the length of each side.

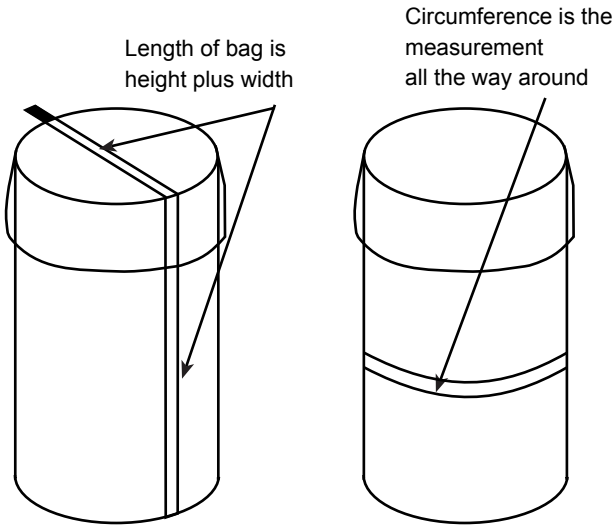
Length = 1/2 the narrow width + the height of the box. Add 5 to 8 inches extra material to tie off or fold over.



How to Measure for DrumLiners

Width = (the circumference of the drum + 2) +2 inches. Use a flexible tape measure and measure around the widest part of the drum.

Length = (height of the drum + the width (the diameter) + 4 inches. Add an extra 4 inches to fold over or tie the bag.



How to Measure for Pallet Covers

Width = (the circumference of the pallet + 2) +4 inches. The circumference equals the sum of the length of each side.
Length = (1/2 the narrow width + the height) + 2 inches.