

Mathematics of can liners formula

MATHEMATICS OF CAN LINERS FORMULA

HOW TO CONVERT MICRONS TO MILS

To convert microns into mils, **divide the micron by 25.4**. The resulting number is the actual mil thickness

HOW TO CONVERT MILS TO MICRONS

To convert mils into microns, **multiply the mil by 25.4**. The resulting number is the actual micron thickness

This table shows all of the popular can liners in both gauge and microns

Mil Thickness	Micron Equivalent
0.23	6
0.27	7
0.31	8
0.35	9
0.39	10
0.43	11
0.47	12
0.51	13
0.55	14
0.59	15
0.62	16
0.66	17
0.70	18
0.74	19
0.78	20
0.82	21
0.86	22
0.90	23
0.94	24
0.98	25
1.00	25.4

HOW TO FIND CORRECT CAN LINER SIZE (WHEN ALL YOU HAVE IS THE CONTAINER)

Bag Width = 1/2 of the outer circumference of the container

Bag Length = the sum of the container height plus 1/2 of the container's bottom diameter plus 3" - 5" for over hang. For square or rectangle containers use the diagonal instead of the diameter of the bottom

STAR SEAL



This is the most commonly used type of seal. This bag is designed to be leak proof. In addition it conforms best to fit the shape on the trash can. And thanks to its design it distributes the weight evenly. The star seal will give you the best strength of any seal

FLAT SEAL



The flat seal will provide you with a bag that is generally leak proof but you will find they do not fit as well in a trash can as the star seal. The flat seal is commonly used on very heavy bags.

GUSSET SEAL



The Gusset seal is a bag that is a flat style but with the sides tucked in. Thus this bag is sealed through four layers where indented but only two layers in the middle. If you ever had a leaker chances are it was a gusseted bag.