



HERITAGE
Your can liner experts.

Packaging

Topside Dual-Dispensing Packaging

Our topside dual-dispensing cartons were developed in response to market demands. Now, cartons may be stacked to save space while still dispensing liners with greater ease.



Bottom Seals

Almost all our bags are manufactured with **Star Seals** because they provide the strongest seal. Because a Star Seal is not possible with the thickest-gauge material, a Flat Seal is used to create the strongest possible seal for these heavy-weight bags.



• Linear Low Density Case Weight Formula

Length x Width x Gauge (in mils) ÷ 15 ÷ 1000 x bags per case = net lbs. per case

• High Density Case Weight Formula

Length x Width x Gauge (in microns) ÷ 14.5 ÷ 25.4 ÷ 1000 x bags per case = net lbs. per case

• Microns to Mils Formula

Divide the microns by 25.4 to arrive at mic thickness. Example:

10 Microns ÷ 25.4 = .39 Mil

24 Microns ÷ 25.4 = .94 Mil

• Mils to Microns Formula

Multiply the mils by 25.4 to arrive at mil thickness. Example: 1 Mil = 25.4 Microns

.30 Mil x 25.4 = 7.6 Microns

.65 Mil x 25.4 = 16.5 Microns

• Converted Microns to Mils

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

Vers. 8-3-12

Can Liner Guide

Glossary

Can Liner Term used for garbage, trash or waste bags. Used in industrial, institutional and medical applications.

Colors Can liners come in standard colors: clear, black, white, gray, red, blue and yellow. (Other colors available.)

Food and Utility Bags Small clear bags designed to hold a variety of small objects (e.g., bread, poultry, vegetables, etc.)

Film Strength Refers to the physical strength of the can liner. Some resins have a higher film strength than others. Our can liners are made from highest quality resins, giving them the highest quality film in the market place.

Dart Drop Test ASTM test used to determine the resistance of a bag to local failure or puncturing of the film.

Elmendorf Tear Test ASTM test used to measure the resistance to tearing.

Wet Load Capacity Measurement of how much wet weight a can liner will hold.

Dry Load Capacity Measurement of how much dry weight a can liner will hold.

Gauge Term used to describe thickness. LDPE and LLDPE can liners are measured by mil thickness and HMW-HDPE can liners are measured by micron thickness.

Mil (One thousandths of an inch) Term used in the measurement of LDPE and LLDPE can liners. One mil is .001". Can liners range between .35 to 4.0 mil.

Micron Term used in the measurement of HMW-HD can liners. 25.4 microns equals .001". 1,000 microns (M) = 1mm. HMW-HDPE can liners are 6 to 24 microns.

Resin Short term for Polyethylene resin. The three types of PE resin are LDPE, LLDPE and HMW-HDPE (see below). Other plastic resins include vinyl, polypropylene, styrene and nylon.

LDPE (Low Density Polyethylene) This resin was used with older can liner technology. Resin has good clarity but weak film strength. Today it is used primarily for Food and Utility Bags that don't require heavy loads.

LLDPE (Linear Low Density Polyethylene) This is the primary type of resin used in modern can liner manufacturing technology. Bags made from LLDPE film provide excellent combination of film strength, puncture resistance and tear resistance.

HMW-HDPE (High Molecular Weight-High Density Polyethylene) Bags made from HMW-HDPE resin provide excellent film strength and puncture resistance, but less tear resistance than LLDPE.

HAO (Higher Alpha Olefin resin) A high-grade hexene-or-octene-based resin used in all our LLD liners. The properties of this resin allow for a higher-quality can liner.

Butene One of three types of LLDPE resin. Butene has weaker film-strength properties than hexene or octene.

Hexene One of three types of LLDPE resin. We use Higher Alpha Olefin (High Grade Hexene) in the manufacturing of can liners. Properties include high film strength and increased tear resistance.

Octene One of three types of LLDPE resin. We use Higher Alpha Olefin (High Grade Octene) in the manufacturing of can liners. Used in other applications because of its excellent physical properties.

Prime Resin Refers to the usage of high-quality, "fresh from the reactor," resin. We use only prime resins in all of the products we produce, unless specified otherwise.

Blended Resin Refers to the combination of two or more types of resin.

Regrind Resin (Repro) Refers to resin that has been used at least once before. Can be post-industrial (scrap) or post-consumer (recycling). Strength properties of resin is decreased each time it is reused.

Seal Term used to describe bottom of a can liner. The three types of seals are flat, gusseted and star. (See Bottom Seal section.)

Flat Seal Straight seal along bottom of a can liner (looks like a pillow case). Though Flat Seals are strong, they may have a tendency to leak wet trash from the corners.

Gusset Seals A flat-style bag manufactured with both sides tucked in to form gussets. Has a tendency to leak wet trash from the center at gusset points where four layers of film meet two.

Star Seal Designed without gussets, the Star Seal eliminates gaps along the seal where leaks can occur. The bottom of the bag is folded over several times and sealed. Trash rests on the material instead of the seals. This leak-resistant seal holds wet trash better than the other two types of seals.

Individually Folded Can liners are separately folded, then stacked on top of one another. This allows the end-user to pull liners out of the box with much more ease vs. bulk-folded bags.

Cored Rolls Can liners are rolled together on cardboard cylinders (looks similar to a roll of paper towels). Can liners come inside a special box that dispenses with ease.

Coreless Rolls Can liners are rolled in groups of 25 or 50 per roll. There are 4 to 10 rolls per case. Rolls are perforated or interleaved.

✓ Step 1 Choose one of two plastic types & gauge

Linear Low Density Bags (LLD)

Used for rough or sharp objects under tough transport conditions.

These liners are very strong & more resistant to tearing, but handle lower load capacities than Hi-D liners.

Suggested LLD applications:

- Sticks, rough yard trimmings, glass
- Metal w/sharp edges
- Plastic eating utensils, food with rough edges

Hi Density Bags (Hi-D)

Used for paper and non-rough objects under moderate transport conditions. These liners are very strong and handle higher load capacities than LLD liners, but are less resistant to tearing once punctured.

Suggested Hi-D applications:

- Paper-plates, cups, towels, office
- Grass, rags, smooth heavy objects
- Cans w/out sharp edges, food with out sharp edges

LLD Gauge Equivalents and Recommendations

Light	.30 - .49	Mil	} For small cans
Medium	.50 - .60	Mil	

Heavy	.61 - .74	Mil	} For midsize cans
Extra Heavy	.75 - .80	Mil	
Super Tuf	.81 - 1.0	Mil	

Super Hvy	1.1 - 1.2	Mil	} For larger cans
XXH	1.3 - 1.9	Mil	
XXXH	2.0 - 3.0	Mil	

Hi-D Gauge Equivalents and Recommendations

Light	6 - 9	Mic	} For small cans
Medium	10 - 12	Mic	

Hvy	13 - 14	Mic	} For midsize cans
Extra Hvy	15 - 17	Mic	

XXH	18 - 22	Mic	} For larger cans

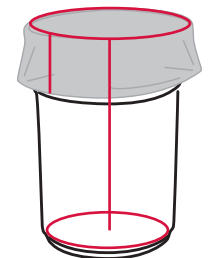


Try New AccuFit® Sizes vs. Standard Industry Sizes – Now available for the most common cans!

AccuFit®
SIZING

Tested & Designed For

- Snug Fit
- Proper Overhang
- Correct Length




✓ Step 2 Sizing (see reverse side)



✓ Step 2 See cans below for your matching bag size

14 Qt/4 Gal Small Desk Side Rect.




Can Code 2955/2541

Can A

LINER WILL ALSO FIT: Containers with these codes: 2540, 2614, 2952 and similar containers 4 Gal or less

Standard Bag Sizes
LLD 17x18
HiD 17x18

28 Qt/7 Gal Small Desk Side Rect.




Can Code 2956/2543

Can B

LINER WILL ALSO FIT: Containers with these codes: 2541, 2955 and similar containers 7 Gal or less

Standard Bag Sizes
LLD 24x23
HiD 24x24

40 Qt/10 Gal Sml Desk Side Rect/UL




Can Code 2957/2544

Cans C

LINER WILL ALSO FIT: Containers with these codes: 2543, 2947, 2956, 6142, 6143, 7822 and similar containers 12 gal or less.


Standard Bag Sizes
LLD 24x32
HiD 24x32

10 Gal Round Brute



Can Code 2610

12 Gal Rigid Liner




Can Code 3550

Cans D

LINER WILL ALSO FIT: Containers with these codes: 2544, 2610, 2957, 3552, 8184, 8185-88 and similar containers 22 gal or less


Standard Bag Sizes
LLD 33x39, 30x43
HiD 33x40, 30x43

15 Gal Marshal Classic Round



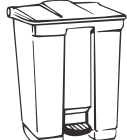
Can Code 8160

22 Gal Round Untouchable



Can Code 3546

18 Gal Step On




Can Code 6145

Cans E

LINER WILL ALSO FIT: Containers with these codes: 6144 and similar containers 20 gal or less


Standard Bag Sizes
LLD 30x36, 33x39, 30x43
HiD 30x37, 30x43

16 Gal Slim Jim w/ handles



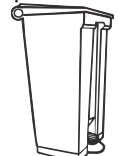
Can Code 3541

20 Gal Round Brute



Can Code 3541

23 Gal Mobile Step on




Can Code 6146

Cans F

LINER WILL ALSO FIT: Containers with these codes: 2620, 3520, 3540, 3541, 3554, 3566, 3569, 6145, 8170 and similar containers 32 gal or less

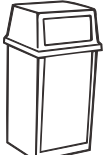
Standard Bag Sizes
LLD 33x44, 34x48, 36x58, 40x46
HiD 40x48

32 Gal Round Brute



Can Code 2632

35 Gal Ranger Classic



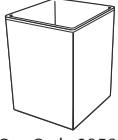
Can Code 8430

Cans G

LINER WILL ALSO FIT: Containers with these codes: 2632, 3353 and similar containers 35 gal or less

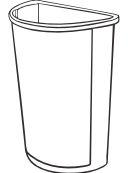
Standard Bag Sizes
LLD 40x46, 40x49
HiD 40x48

35 Gal Untouchable Square



Can Code 3958

21 Gal Untouchable 1/2 Round




Can Code 3520

Cans H

LINER WILL ALSO FIT: Containers with these codes: 3568, 6143, 6144, 6146, 8180-88, 8182-88 and and similar containers 25 gal or less


Standard Bag Sizes
LLD 28x45, 30x45, 33x39
HiD 33x40, 30x43

23 Gal Rect. Slim Jim



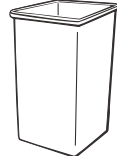
Can Code 3540

25 Gal Marshal Classic



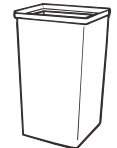
Can Code 8170

23 Gal Untouchable Rect.



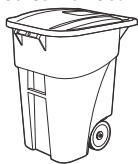
Can Code 3569

25 Gal Rigid Liner to fit 8430



Can Code 3566

50 Gal Roll Out



Can Code 9W27

Cans I

LINER WILL ALSO FIT: Containers with these codes: 3526, 3517, 3557, 3559, 3963, 3964, 3965, 3968, 3970, 3971, 3972, 3975, 9171, 9173, 256B and similar containers 40 gal or less

Standard Bag Sizes
LLD 43x48
HiD 43x48

44 Gal Round Brute



Can Code 2643

Can J

LINER WILL ALSO FIT: Containers with these codes: 2632, 3567, 3958, 6177, 8430 and similar containers 44 gal or less

Standard Bag Sizes
LLD 37x50, 38x58, 40x46
HiD 40x48, 37x46

55 Gal Brute



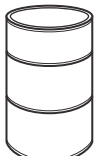
Can Code 2655

Can K

LINER WILL ALSO FIT: Containers with these codes: 2643-60, 3564, 3959, 3966, 3967, 9058, 9651, 9652, 9P90, 55 gal Drum and similar containers 55 gal or less

Standard Bag Sizes
LLD 40x53, 43x48, 38x58 (38x58 works, but not suggested)
HiD 43x48, 41x54

55 Gal Drum

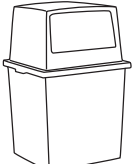


Can L

LINER WILL ALSO FIT: Containers with these codes: 2632 and similar containers 55 gal or less

Standard Bag Sizes
LLD 38x58
HiD 38x60, 36x60

56 Gal Glutton



Can Code 256B

Can M

LINER WILL ALSO FIT: Similar large outdoor containers 60 gallons or less

Standard Bag Sizes
LLD 43x47, 43x48
HiD 43x47, 43x48



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