

Manufacturers of High Quality Polyethylene Can Liners and Plastic Bags



who we are

Small Enough to Care.
Big Enough to Serve.

our company

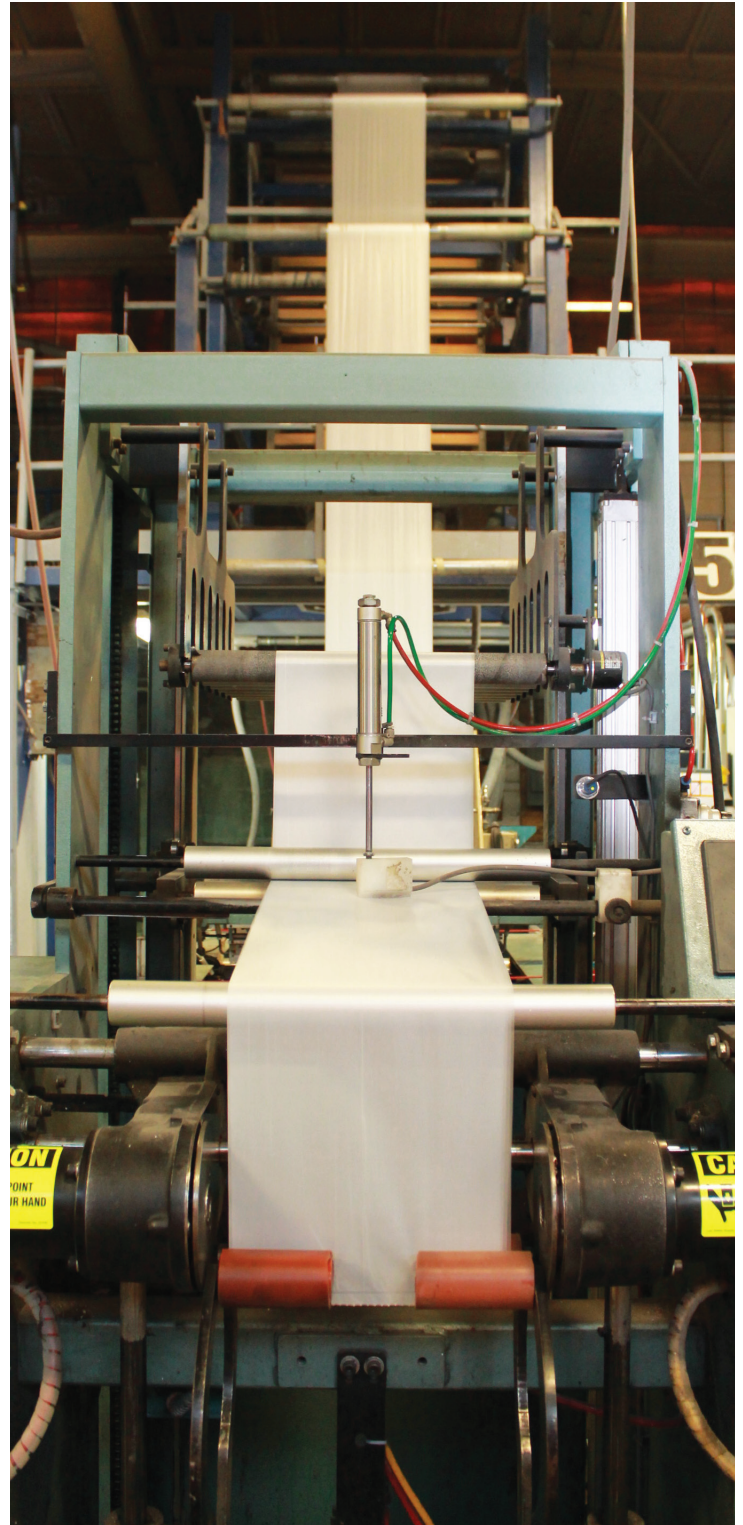
- Founded by James Popela
- Serving the can liner needs of distributors since 1986
- Committed to providing a rewarding work environment for our employees

our focus

- We strive to provide our customers with quality and cost competitive products
- We adapt to our customers' needs and build lasting partnerships
- We exceed customers' expectations through support and service

our values

- Safe work environment
- Highest quality raw materials and quality standards
- Continuous improvements in the production process
- Passion for our business





what we offer

Wide Variety.
National Support.

our products

We take pride in offering a full product line for any application. From high density and linear low density trash bags, to poly food bags, degradable liners, and custom products, we offer a wide variety to satisfy even the most demanding needs of our customers.





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Though we have grown over the years, we have never forgotten our humble beginnings. We invest heavily into improving our service and production process, but still maintain our headquarters at the building Jim started at some 30 years ago.



can liner guide

Step 1: Choose the Right Size

Rectangular Wastebasket

3.5 Gallon
Suggested Bag Size:
LLD 20x21
HD 20x22



7 Gallon
Suggested Bag Size:
LLD 24x23
HD 24x24

10 Gallon
Suggested Bag Size:
LLD 24x32
HD 24x33, 24x27

Round Wastebasket

6.5 Gallon
Suggested Bag Size:
LLD 24x23 or 24x32
HD 24x24 or 24x27



10 Gallon
Suggested Bag Size:
LLD 24x32
HD 24x33

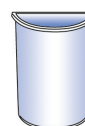
Profile Series™*

15 Gallon
Suggested Bag Size:
LLD 33x39 or 30x45
HD 33x40



Half Round Receptacle

21 Gallon
Suggested Bag Size:
LLD 30x43, 26x46 or 33x39
HD 30x43 or 33x40



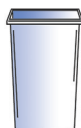
Round Base Receptacle

22 Gallon
Suggested Bag Size:
LLD 30x43, 26x42 or 33x39
HD 30x43 or 33x40



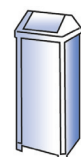
Slim Jim®**

23 Gallon
Suggested Bag Size:
LLD 30x43 or 33x39
HD 30x43 or 33x40



Wastemaster™**

24 Gallon
Without Rigid Liner
Suggested Bag Size:
LLD 40x46 or 37x44
HD 37x46 or 40x48



Round Top

15 Gallon Inner Rigid Liner
Suggested Bag Size:
LLD 30x36 or 26x42
HD 30x37

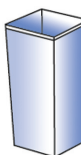


21 Gallon Inner Rigid Liner
Suggested Bag Size:
LLD 30x43 or 33x39
HD 30x43 or 33x40

25 Gallon Without Rigid Liner
Suggested Bag Size:
LLD 40x46 or 37x44
HD 37x46 or 40x48

Indoor Square Container

19 Gallon
Suggested Bag Size:
LLD 30x36
HD 30x37

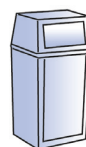


23 Gallon
Suggested Bag Size:
LLD 33x39 or 30x43
HD 30x40 or 30x43

35 Gallon
Suggested Bag Size:
LLD 40x46 or 37x44
HD 40x48 or 37x46

Ranger®*

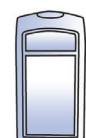
35 Gallon Inner Rigid Liner
Suggested Bag Size:
LLD 33x39
HD 33x40



45 Gallon Inner Rigid Liner
Suggested Bag Size:
LLD 40x46 or 37x44
HD 40x48 or 37x46

Landmark Series™*

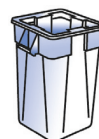
35 Gallon Inner Rigid Liner
Suggested Bag Size:
LLD 44x55
HD 37x46



45 Gallon Inner Rigid Liner
Suggested Bag Size:
LLD 40x46
HD 40x48 or 37x46

Square Receptacle

28 Gallon
Suggested Bag Size:
LLD 43x47
HD 43x48



32 Gallon
Suggested Bag Size:
LLD 43x47
HD 43x48

40 Gallon
Suggested Bag Size:
LLD 40x46 or 43x48
HD 40x48 or 43x48

Round Receptacle

10 Gallon
Suggested Bag Size:
LLD 24x32
HD 24x33 or 24x27



20 Gallon
Suggested Bag Size:
LLD 30x43 or 30x36
HD 30x37

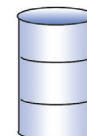
32 Gallon
Suggested Bag Size:
LLD 33x45, 37x44 or 40x46
HD 37x46 or 40x48

44 Gallon
Suggested Bag Size:
LLD 37x50 or 40x46
HD 40x48 or 37x46

55 Gallon
Suggested Bag Size:
LLD 43x47 or 44x55
HD 43x48

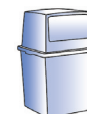
Drum

55 Gallon
Suggested Bag Size:
LLD 38x58
HD 38x60



Glutton®*

56 Gallon
Without Rigid Liner
Suggested Bag Size:
LLD 43x47
HD 43x48



King Kan™**

35 Gallon
Suggested Bag Size:
LLD 44x55
HD 38x60



50 Gallon Inner Rigid Liner
Suggested Bag Size:
LLD 43x47 or 44x55
HD 43x48

65 Gallon Inner Rigid Liner
Suggested Bag Size:
LLD 43x47
HD 43x48

*Registered trademark of Rubbermaid Products, Inc.
**Registered trademark of Continental Manufacturing Company.

Step 2: Choose Resin Type

Linear Low Density (LLD)		High Density (HD)
Resin Type	Recommended for sharp or rough objects. Offer great stretch and tear resistance.	Recommended for heavy, non sharp objects. Offer significant material and cost savings, but tear easily when punctured.
Application	Yard clean up, glass, objects with rough edges. Plastic eating utensils, food scraps with sharp edges. Used in multiples applications (medical bags, contractor bags, food bags, etc.)	Paper plates, cups, paper, office waste. Heavy objects with non-sharp edges.
Stock Categories	ST Series, PGB Series, T Series, Food Bags, Medical Bags, COEX Bags	R Series, CSR Series, RCH Series



sizing guide

Step 3: Choose Bag Strength

Determine the average amount of weight that is being put into the container. Use chart below to determine the gauge.

HIGH DENSITY	
Micron	Max Load
6	15 lbs
8	20 lbs
10	30 lbs
13	50 lbs
14	55 lbs
16	70 lbs
17	75 lbs
19	80 lbs
22	85 lbs

LINEAR LOW DENSITY (recycled blend)	
Gauge	Max Load
PGB Series	
1.00	65 lbs
1.25	75 lbs
1.50	80 lbs
2.00	95 lbs
T Bag Series	
H	65 lbs
XH	75 lbs
XXH	85 lbs

LINEAR LOW DENSITY (all virgin series liners)	
Gauge	Max Load
0.35	10 lbs
0.60	40 lbs
0.70	50 lbs
0.80	60 lbs
0.90	75 lbs
1.00	85 lbs
1.30	100 lbs
1.50	110 lbs
1.70	125 lbs
2.20	150 lbs

LINEAR LOW DENSITY (co-extruded)	
Gauge	Max Load
XH	75 lbs
XXH	90 lbs

Can Liner Formula

Linear Low Density

Length x Width x Gauge (in mils) ÷ 15 ÷ 1000 x bags per case = case weight

High Density

Length x Width x Gauge (in microns) ÷ 15 ÷ 25.4 ÷ 1000 x bags per case = case weight

Microns to Mils Formula

Divide the microns by 25.4 to arrive at mic thickness.

Mils to Microns Formula

Multiply the mils by 25.4 to arrive at mil thickness.

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



bottom seals

Most stock products have Star Seal, which offers the strongest support and leak resistance. Heavy duty or specialty custom products can be made with Gusset or Flat Seal.

High Performance Star Seal

- Most common type
- Eliminates gaps where leaks can occur
- Distributes weight evenly
- Maximizes carrying capacity
- Sized in two dimensions, EX: 38 x 58



Flat Seal

- Potential to leak liquids from the corners
- Do not conform as well to the shape of can
- Sized in two dimensions, EX: 38 x 58



Gusset Seal

- Flat-style bag design
- Both sides tucked in to form gussets
- Sealed through four layers of film (the middle of the bag has only two sealed layers)
- Sized in three dimensions, EX: 23 x 17 x 46



product labels

item number →

PGB-6151

size →

38" X 58"

color →

BLACK

count →

100/CASE

material type →

LLDPE CAN LINER

bar code →


013914007307

60 GALLON

INDIVIDUALLY FOLDED

1.5 MIL

22.04 LBS

CASE# 5

01/06/14

QC:

← gallon capacity

← packaging type

← case weight

← quality control markers



premium LLD

Our Premium Series liners are manufactured from 100% prime hexene based LLDPE resins.

Offering superior stretch and puncture resistance, these bags can handle heavy loads without failure due to tearing or bursting.

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE*	BAGS/ ROLL*
PREMIUM CAN LINERS - CLEAR (C), WHITE (W), OR BLACK (B)									
RST2423XL C/W/B	24	23	0.35	1000	10 lbs	7-10	84	20	50
ST24236 C/W/B	24	23	0.60	500	20 lbs	7-10	84	10	50
RST2432XL C/W/B	24	32	0.35	1000	10 lbs	12-16	77	20	50
ST24326 C/W/B	24	32	0.60	500	20 lbs	12-16	77	10	50
ST3658 C/W/B	36	58	0.75	200	50 lbs	55	63	10	20
ST36586 C/W/B	36	58	0.60	200	30 lbs	55	70	10	20
ST3036L C/W/B	30	36	0.65	200	40 lbs	20-30	91	10	20
ST3036 C/W/B	30	36	0.75	200	50 lbs	20-30	91	10	20
ST3036H C/W/B	30	36	0.90	200	60 lbs	20-30	84	10	20
ST3036XH C/W/B	30	36	1.10	200	80 lbs	20-30	77	10	20
ST3339L C/W/B	33	39	0.65	150	40 lbs	33	91	6	25
ST3339 C/W/B	33	39	0.75	150	50 lbs	33	91	6	25
ST3339H C/W/B	33	39	0.90	150	60 lbs	33	84	6	25
ST3339XH C/W/B	33	39	1.10	250	80 lbs	33	63	10	25
ST4046L C/W/B	40	46	0.65	100	40 lbs	40-45	91	5	20
ST4046 C/W/B	40	46	0.75	100	50 lbs	40-45	91	5	20
ST4046H C/W/B	40	46	0.90	100	60 lbs	40-45	84	5	20
ST4046XH C/W/B	40	46	1.10	125	80 lbs	40-45	77	5	25
ST4347L C/W/B	43	47	0.65	100	40 lbs	56	91	5	20
ST4347 C/W/B	43	47	0.75	100	50 lbs	56	91	5	20
ST4347H C/W/B	43	47	0.90	100	60 lbs	56	84	5	20
ST4347XH C/W/B	43	47	1.10	100	80 lbs	56	84	5	20
ST3858L C/W/B	38	58	0.65	100	40 lbs	55	91	5	20
ST3858 C/W/B	38	58	0.75	100	50 lbs	55	84	5	20
ST3858H C/W/B	38	58	0.90	100	60 lbs	55	84	5	20
ST3858XH C/W/B	38	58	1.10	100	80 lbs	55	77	5	20
SUPER HEAVY PREMIUM CAN LINERS - CLEAR (C) WHITE (W) or BLACK (B)									
ST3339X1C/W/B	33	39	1.50	100	90 lbs	33	84	5	20
ST3339X2C/W/B	33	39	2.00	100	100 lbs	33	77	10	10
ST4046X1C/W/B	40	46	1.50	100	90 lbs	40-45	77	5	20
ST4046X2C/W/B	40	46	2.00	100	100 lbs	40-45	56	10	10
ST4347X1C/W/B	43	47	1.50	100	90 lbs	56	63	5	20
ST4347X2C/W/B	43	47	2.00	100	100 lbs	56	56	10	10
ST3858X1C/W/B	38	58	1.50	100	90 lbs	55	63	5	20
ST3858X2C/W/B	38	58	2.00	100	100 lbs	55	49	10	10

Packaging options: Individually folded in dispenser cartons or packed as coreless mini-rolls. Star seal bottoms evenly distribute the load, making the bags leak proof. Good bag to use when there are sharp objects being loaded into the bag. 100% recyclable. *Roll counts when ordering coreless. Anything below 0.4 mil is coreless.



PT series

Our Steel bags have a distinctive steel coloring combined with a special blend of LLDPE resins, making them one of the strongest LLDPE liners available. 100% recyclable.

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE*	BAGS/ ROLL*
VIRGIN LINEAR LOW DENSITY (SILVER)									
PT2-3770	30	36	1.50	100	75 lbs	30	91	5	20
PT2-4070	33	40	1.50	100	75 lbs	33	84	5	20
PT2-4770	43	48	1.70	50	90 lbs	56	84	5	10
PT2-4870	39	46	1.70	50	80 lbs	40	91	5	10
PT2-6070	39	56	1.70	50	80 lbs	50	84	5	10



medical liners



These Medical Waste Bags are guaranteed to meet or exceed all performance specifications that have been set forth by the Department of Transportation's Office of Hazardous Materials Safety.

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE*	BAGS/ ROLL*
YELLOW INFECTIOUS LINEN BAGS ON ROLLS (PRINTED)									
IL3339	33	39	1.30	200	65 lbs	33	63	10	20
IL4047	40	47	1.30	150	75 lbs	45	56	10	15

Our Yellow Infectious Linen bags are printed with a six inch Bio-Hazard symbol and warning message is in English and Spanish. Printing is in black ink, one side, random repeat. All bags are supplied with star seal bottoms and are packed in rugged, white corrugated cartons.

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE*	BAGS/ ROLL*
BLUE SOILED LINEN BAGS ON ROLLS (PRINTED)									
SL2431	24	31	1.30	200	65 lbs	12-16	84	10	20
SL3043	30	43	1.30	150	75 lbs	45	77	10	15
SL3750	37	50	1.30	150	70 lbs	44	56	10	15

Our Blue Soiled Linen bags are printed with a warning message in English and Spanish. Printing is in black ink, one side, random repeat. All bags are supplied with star seal bottoms and are packed in rugged, white corrugated cartons.

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE*	BAGS/ ROLL*
RED INFECTIOUS WASTE BAGS ON ROLLS (PRINTED)									
IW2424	24	24	1.30	500	35 lbs	7-10	56	10	50
IW2431	24	31	1.30	250	35 lbs	12-16	77	10	25
IW3037	30	37	1.30	100	65 lbs	30	91	5	20
IW3043	30	43	1.30	200	65 lbs	30	63	10	20
IW3339	33	39	1.30	200	65 lbs	33	63	10	20
IW4047	40	47	1.30	150	75 lbs	45	56	6	25
IW4047H	40	47	2.00	100	100 lbs	45	56	10	10
IW3848	38	48	1.30	100	70 lbs	45	77	5	20

Our Red Infectious bags are printed with a warning message in English and Spanish. Printing is in black ink, one side, random repeat. All bags are supplied with star seal bottoms and are packed in rugged, white corrugated cartons.

These specifications include: Dart impact requirements of ASTM D 1922-00a of 165 grams and the 480 gram tear resistance requirements of ASTM D 1709-01.



degradable liners

North American Plastics is proud to introduce a series of Biodegradable can liners to satisfy the environmental needs of our customers. In a world filled with waste and byproducts of human consumption, we believe reducing the negative footprint of our products on the environment by offering eco-friendly bags, is simply the right thing to do. Please see our flier for more details.

ITEM NUMBER	ITEM NUMBER	SIZE	GAUGE	CASE COUNT	SKID COUNT	COLOR
CLEAR	GREEN			HIGH DENSITY		
DG24336C	DG24336G	24 x 33	6 micron	1000	70	Clear and Green
DG303710C	DG303710G	30 x 37	10 micron	500	70	Clear and Green
DG374615C	DG374615G	37 x 46	15 micron	250	56	Clear and Green
DG404816C	DG404816G	40 x 48	16 micron	250	56	Clear and Green
DG385816C	DG385816G	38 x 58	16 micron	200	56	Clear and Green
DG434816C	DG434816G	43 x 48	16 micron	200	70	Clear and Green
CLEAR	GREEN			LOW DENSITY		
DG2432HVYC	DG2432HVG	24 x 32	0.6 mil	500	77	Clear and Green
DG3036HVYC	DG3036HVG	30 x 36	0.6 mil	250	91	Clear and Green
DG3339HVYC	DG3339HVG	33 x 39	0.8 mil	250	77	Clear and Green
DG3746XHVYC	DG3746XHVYG	37 x 46	1.0 mil	100	84	Clear and Green
DG4046XHVYC	DG4046XHVYG	40 x 46	1.2 mil	100	84	Clear and Green
DG4347XHVYC	DG4347XHVYG	43 x 47	1.2 mil	100	77	Clear and Green
DG3858XHVYC	DG3858XHVYG	38 x 58	1.2 mil	100	77	Clear and Green
DG2432XHVYC	DG2432XHVYG	24 x 32	1.0 mil	500	56	Clear and Green
DG3036XHVYC	DG3036XHVYG	30 x 36	1.0 mil	250	77	Clear and Green
DG3339XHVYC	DG3339XHVYG	33 x 39	1.2 mil	250	91	Clear and Green
DG3746XXHVYC	DG3746XXHVYG	37 x 46	1.7 mil	100	63	Clear and Green
DG4046XXHVYC	DG4046XXHVYG	40 x 46	1.7 mil	100	63	Clear and Green
DG4347XXHVYC	DG4347XXHVYG	43 x 47	1.7 mil	100	63	Clear and Green
DG3858XXHVYC	DG3858XXHVYG	38 x 58	1.7 mil	100	56	Clear and Green
BLUE				SPECIAL BLUE RECYCLE		
DG404816RB		40 x 48	16 micron	250	56	Blue HD
DG4048XHVYRB		40 x 48	1.2 mil	100	77	Blue LD

Note: 35 case minimum per size. Meets standards outlined in ASTM D5511 and D5526.



CoEx series



These Co- Extruded bags are made using 3-plys of film that are crosslaminated to obtain an incredible strength to gauge ratio. Superior in strength to even our PGB Heavy Gauge bags, these CO-EX bags are suited for just about any load that can be put into a garbage bag.

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE*	BAGS/ ROLL*
CO-EXTRUDED PREMIUM BAGS - BLACK/GREY									
CO-EX 3036XH	30	36	X-Heavy	200	75 lbs	20-30	77	10	20
CO-EX 3036XXH	30	36	XX-Heavy	100	90 lbs	20-30	84	10	10
CO-EX 3339XH	33	39	X-Heavy	200	75 lbs	33	63	10	20
CO-EX 3339XXH	33	39	XX-Heavy	100	90 lbs	33	84	10	10
CO-EX 3347XH	33	47	X-Heavy	100	75 lbs	40-45	84	5	20
CO-EX 3658XH	36	58	X-Heavy	100	75 lbs	55	77	5	20
CO-EX 3658XXH	36	58	XX-Heavy	100	90 lbs	55	63	10	10
CO-EX 3858XH	38	58	X-Heavy	100	75 lbs	55	77	5	20
CO-EX 3858XXH	38	58	XX-Heavy	100	90 lbs	55	56	10	10
CO-EX 4047XH	40	47	X-Heavy	100	75 lbs	40-45	77	5	20
CO-EX 4047XXH	40	47	XX-Heavy	100	90 lbs	40-45	63	10	10
CO-EX 4347XH	43	47	X-Heavy	100	75 lbs	56	77	5	20
CO-EX 4347XXH	43	47	XX-Heavy	100	90 lbs	56	63	10	10

Features Include: Distinctive two color design black on the outside and grey on the inside distinguishes the CO-EX from other bags. Environmentally friendly recycled resin.

Packaging options: Individually folded in dispenser cartons or packed as coreless minirolls. Star seal bottom provides extra durability. Leak proof.

*Roll counts when ordering coreless.



recycled PGB series



PGB Heavy Gauge Liners are our best selling bags. Customers that require an especially tough bag have come to rely on the rugged durability of the PGB Series. These bags are ideal for the toughest applications including Industrial, Landscaping, Public Facilities, Food Service and Construction.

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE*	BAGS/ ROLL*
HEAVY DUTY MUNICIPAL LINERS (BLACK)									
PGB-2431	24	23	1.00	500	40 lbs	7-10	77	10	50
PGB-3231	24	32	1.00	500	40 lbs	12-16	56	10	50
PGB-3741	30	36	1.00	250	65 lbs	20-30	77	10	25
PGB-3751	30	36	1.50	250	80 lbs	20-30	56	10	25
PGB-3771	30	36	1.50 EQ	200	75 lbs	20-30	77	10	20
PGB-4041	33	39	1.00	250	65 lbs	33	63	10	25
PGB-4051	33	39	1.50	100	80 lbs	33	84	5	20
PGB-4061	33	39	2.00	100	95 lbs	33	77	10	10
PGB-4071	33	39	1.50 EQ	100	75 lbs	33	91	5	20
PGB-4081	33	39	2.00 EQ	100	85 lbs	33	77	10	10
PGB-4331	26	42	1.00	100	65 lbs	30	91	5	20
PGB-4341	26	42	1.15	100	65 lbs	30	91	5	20
PGB-4351	26	42	1.50	100	80 lbs	30	91	5	20
PGB-4631	40	46	1.00	100	65 lbs	40-45	84	5	20
PGB-4641	40	46	1.25	100	70 lbs	40-45	77	5	20
PGB-4651	40	46	1.50	100	80 lbs	40-45	77	5	20
PGB-4661	40	46	2.00	100	95 lbs	40-45	56	10	10
PGB-4671	40	46	1.50 EQ	100	75 lbs	40-45	77	5	20
PGB-4681	40	46	2.00 EQ	100	85 lbs	40-45	63	10	10
PGB-4741	43	47	1.00	100	65 lbs	56	84	5	20
PGB-4751	43	47	1.50	100	80 lbs	56	63	5	20
PGB-4761	43	47	2.00	100	95 lbs	56	56	10	10
PGB-4771	43	47	1.50 EQ	100	75 lbs	56	77	5	20
PGB-4781	43	47	2.00 EQ	100	85 lbs	56	63	10	10
PGB-5241	51	48	1.00	100	65 lbs	60	77	5	20
PGB-4841	33	48	1.00	100	65 lbs	30-40	91	5	20
PGB-4851	33	48	1.50	100	80 lbs	30-40	77	5	20
PGB-4861	33	48	2.00	100	95 lbs	30-40	63	10	10
PGB-5041	46	50	1.00	100	65 lbs	60	77	5	20
PGB-5051	46	50	1.50	100	80 lbs	60	63	5	20
PGB-6041	36	58	1.00	100	65 lbs	55	84	5	20
PGB-6051	36	58	1.50	100	80 lbs	55	63	5	20
PGB-6061	36	58	2.00	100	95 lbs	55	56	10	10
PGB-6071	36	58	1.50 EQ	100	75 lbs	55	77	5	20
PGB-6081	36	58	2.00 EQ	100	85 lbs	55	56	10	10
PGB-6141	38	58	1.00	100	65 lbs	55	84	5	20
PGB-6151	38	58	1.50	100	80 lbs	55	63	5	20
PGB-6161	38	58	2.00	100	95 lbs	55	49	10	10
PGB-6171	38	58	1.50 EQ	100	75 lbs	55	77	5	20
PGB-6181	38	58	2.00 EQ	100	85 lbs	55	56	10	10
PGB-4360XH	43	60	1.50	100	80 lbs	FITZALL	56	5	20
PGB-4360XXH	43	60	2.00	100	95 lbs	FITZALL	35	10	10

Features Include: Environmentally friendly recycled resin.

Packaging options: Individually folded in dispenser cartons or packed as coreless minirolls. Solid black colored film hides the contents.

Star seal bottom provides extra durability. Leak proof.

*Roll counts when ordering coreless.



recycled T series



These bags are very popular among Jan-San Distributors, Paper Distributors & Redistributors who have the sales expertise and can liner knowledge to offer their customers a reduced gauge of heavy weight liners without sacrificing bag performance.

This is accomplished by matching the customer's usage needs to the maximum load capacity of each of our T bags. These value liners are produced with the same high quality recycled resins that we use in our popular PGB liners. The only difference is that these T Bags are manufactured to conform to the industry standards of acceptable gauge tolerances.

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE*	BAGS/ ROLL*
T-SERIES SUPER TUFF LINERS (BLACK)									
T2423H	24	23	HVY	500	40 lbs	7-10	77	10	50
T2432H	24	32	HVY	500	40 lbs	12-16	63	10	50
T3036H	30	36	HVY	250	60 lbs	20-30	77	10	25
T3036XH	30	36	X-HVY	200	75 lbs	20-30	77	10	20
T3036XXH	30	36	XX-HVY	100	85 lbs	20-30	84	10	10
T3339H	33	39	HVY	200	65 lbs	33	77	10	20
T3339XH	33	39	X-HVY	200	75 lbs	33	63	10	20
T3339XXH	33	39	XX-HVY	100	85 lbs	33	84	10	10
T3347XH	33	47	X-HVY	100	75 lbs	45	84	5	20
T4047H	40	46	HVY	100	65 lbs	45	84	5	20
T4047XH	40	46	X-HVY	100	75 lbs	45	84	5	20
T4047XXH	40	46	XX-HVY	100	85 lbs	45	63	10	10
T4347H	43	47	HVY	100	65 lbs	56	84	5	20
T4347XH	43	47	X-HVY	100	75 lbs	56	77	5	20
T4347XXH	43	47	XX-HVY	100	85 lbs	56	63	10	10
T3658XH	36	58	X-HVY	100	75 lbs	55	77	5	20
T3658XXH	36	58	XX-HVY	100	85 lbs	55	63	10	10
T3858H	38	58	HVY	100	65 lbs	55	84	5	20
T3858XH	38	58	X-HVY	100	75 lbs	55	77	5	20
T3858XXH	38	58	XX-HVY	100	85 lbs	55	56	10	10
T4360XXH	43	60	XX-HVY	100	85 lbs	60	49	10	10

Features Include: Environmentally friendly recycled resin.

Packaging options: Individually folded in dispenser cartons or coreless mini-rolls. Solid black film color hides the contents. Star seal bottom distributes the load providing a leak proof bag.

*Roll counts when ordering coreless.



premium HDPE

Noramco Premium High Density Liners are manufactured with the highest quality High Molecular Weight High Density Polyethylene (HMW-HDPE) resins which provide superior strength at thinner gauges. Manufactured at full gauge and size with a guaranteed case weight. The thinner gauges and superior strength offer a cost effective alternative to higher priced heavy bags.

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE	BAGS/ ROLL
HIGH DENSITY LINERS ON ROLLS (CLEAR or BLACK)									
R171806 N/K	17	18	6	2000	15 lbs	4	77	40	50
R171808 N/K	17	18	8	2000	20 lbs	4	70	40	50
R202206 N/K	20	22	6	2000	15 lbs	7	70	40	50
R202208 N/K	20	22	8	2000	20 lbs	7	56	40	50
R242406 N/K	24	24	6	1000	15 lbs	7-10	77	20	50
R242408 N/K	24	24	8	1000	20 lbs	7-10	70	20	50
R243306 N/K	24	33	6	1000	15 lbs	12-16	70	20	50
R243308 N/K	24	33	8	1000	20 lbs	12-16	56	20	50
R303708 N/K	30	37	8	500	20 lbs	30	70	10	50
R303710 N/K	30	37	10	500	30 lbs	30	70	10	50
R303713 N/K	30	37	13	500	50 lbs	30	56	10	50
R303716 N/K	30	37	16	500	75 lbs	30	42	10	50
R334008 N/K	33	40	8	500	20 lbs	33	70	10	50
R334011 N/K	33	40	11	500	35 lbs	33	56	10	50
R334013 N/K	33	40	13	500	50 lbs	33	42	10	50
R334016 N/K	33	40	16	250	75 lbs	33	70	10	25
R334017 N/K	33	40	17	250	80 lbs	33	70	10	25
R366012 N/K	36	60	12	200	45 lbs	55	70	8	25
R366014 N/K	36	60	14	200	55 lbs	55	70	8	25
R366017 N/K	36	60	16	200	80 lbs	55	56	8	25
R374612 N/K	37	46	12	250	45 lbs	BRUTE	70	10	25
R374614 N/K	37	46	14	250	55 lbs	BRUTE	70	10	25
R374616 N/K	37	46	16	250	75 lbs	BRUTE	70	10	25
R386012 N/K	38	60	12	200	45 lbs	55	70	8	25
R386014 N/K	38	60	14	200	55 lbs	55	70	8	25
R386016 N/K	38	60	16	200	75 lbs	55	56	8	25
R386017 N/K	38	60	17	200	80 lbs	55	56	8	25
R404810 N/K	40	48	10	250	30 lbs	45	70	10	25
R404812 N/K	40	48	12	250	45 lbs	45	70	10	25
R404814 N/K	40	48	14	250	55 lbs	45	70	10	25
R404816 N/K	40	48	16	250	75 lbs	45	56	10	25
R404817 N/K	40	48	17	250	80 lbs	45	56	10	25
R434812 N/K	43	48	12	200	45 lbs	56	70	8	25
R434814 N/K	43	48	14	200	55 lbs	56	70	8	25
R434816 N/K	43	48	16	200	75 lbs	56	70	8	25
R434817 N/K	43	48	17	200	80 lbs	56	56	8	25
SUPER HEAVY HIGH DENSITY LINERS ON ROLLS (CLEAR or BLACK)									
R334019 N/K	33	40	19	250	85 lbs	33	70	10	25
R334022 N/K	33	40	22	250	85 lbs	33	56	10	25
R366022 N/K	36	60	22	150	85 lbs	55	56	10	15
R386022 N/K	38	60	22	150	85 lbs	55	56	10	15
R404819 N/K	40	48	19	200	85 lbs	45	56	8	25
R404822 N/K	40	48	22	150	85 lbs	45	70	10	15
R434822 N/K	43	48	22	150	85 lbs	56	70	10	15
R486024 N/K	48	60	24	100	90 lbs	63	56	10	10

Features Include: Convenient coreless mini-rolls with easy to separate perforations. Star seal bottoms evenly distribute the load making the bags leak proof. Excellent odor and moisture barrier. FDA approved for food contact. 100% recyclable. Available in Black (K) or Natural (N).



competitor HDPE

These value liners are produced manufactured to conform to the industry standards of acceptable gauge tolerances. These liners will meet or exceed the performance standards of the value liners offered by other US bag makers and with the low priced imports that have become so popular. Now you can compete with the imports with a bag that is made in the USA!

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE	BAGS/ ROLL
HIGH DENSITY LINERS ON ROLLS (CLEAR or BLACK)									
CSR242406 N/K	24	24	6 Eq	1000	15 lbs	7-10gal	77	20	50
CSR242408 N/K	24	24	8 Eq	1000	20 lbs	7-10gal	77	20	50
CSR243306 N/K	24	33	6 Eq	1000	15 lbs	12-16	70	20	50
CSR243308 N/K	24	33	8 Eq	1000	20 lbs	12-16	70	20	50
CSR303710 N/K	30	37	10 Eq	500	30 lbs	30	70	10	50
CSR303713 N/K	30	37	13 Eq	500	50 lbs	30	70	10	50
CSR303716 N/K	30	37	16 Eq	500	75 lbs	30	42	10	50
CSR334011 N/K	33	40	11 Eq	500	35 lbs	33	56	10	50
CSR334013 N/K	33	40	13 Eq	500	50 lbs	33	70	10	50
CSR334016 N/K	33	40	16 Eq	250	75 lbs	33	70	10	25
CSR334017 N/K	33	40	17 Eq	250	80 lbs	33	70	10	25
CSR366011 N/K	36	60	11 Eq	200	35 lbs	55	70	8	25
CSR366012 N/K	36	60	12 Eq	200	45 lbs	55	70	8	25
CSR366014 N/K	36	60	14 Eq	200	55 lbs	55	70	8	25
CSR366017 N/K	36	60	16 Eq	200	80 lbs	55	70	8	25
CSR374612 N/K	37	46	12 Eq	250	45 lbs	BRUTE	70	10	25
CSR374614 N/K	37	46	14 Eq	250	55 lbs	BRUTE	70	10	25
CSR374616 N/K	37	46	16 Eq	250	75 lbs	BRUTE	70	10	25
CSR386012 N/K	38	60	12 Eq	200	45 lbs	55	70	8	25
CSR386014 N/K	38	60	14 Eq	200	55 lbs	55	70	8	25
CSR386017 N/K	38	60	17 Eq	200	80 lbs	55	56	8	25
CSR404810 N/K	40	48	10 Eq	250	30 lbs	45	70	10	25
CSR404812 N/K	40	48	12 Eq	250	45 lbs	45	70	10	25
CSR404814 N/K	40	48	14 Eq	250	55 lbs	45	70	10	25
CSR404816 N/K	40	48	16 Eq	250	75 lbs	45	56	10	25
CSR404817 N/K	40	48	17 Eq	250	80 lbs	45	56	10	25
CSR434812 N/K	43	48	12 Eq	200	45 lbs	56	70	8	25
CSR434814 N/K	43	48	14 Eq	200	55 lbs	56	70	8	25
CSR434816 N/K	43	48	16 Eq	200	75 lbs	56	70	8	25
CSR434817 N/K	43	48	17 Eq	200	80 lbs	56	70	8	25
SUPER HEAVY HIGH DENSITY LINERS ON ROLLS (CLEAR or BLACK)									
CSR334019 N/K	33	40	19 Eq	250	85 lbs	33	70	10	25
CSR334022 N/K	33	40	22 Eq	250	85 lbs	33	70	10	25
CSR366022 N/K	36	60	22 Eq	150	85 lbs	55	70	10	15
CSR386022 N/K	38	60	22 Eq	150	85 lbs	55	70	10	15
CSR404819 N/K	40	48	19 Eq	200	85 lbs	45	70	8	25
CSR404822 N/K	40	48	22 Eq	150	85 lbs	45	70	10	15
CSR434822 N/K	43	48	22 Eq	150	85 lbs	56	70	10	15
CSR486024 N/K	48	60	24 Eq	100	90 lbs	63	70	10	10

Features Include: Convenient coreless mini-rolls with easy to separate perforations. Star seal bottoms evenly distribute the load making the bags leak proof. Excellent odor and moisture barrier. FDA approved for food contact. 100% recyclable. Available in Black (K) or Natural (N).



value HDPE

These value liners are produced with the same high quality resins that we use in our Noramco High Density liners, but they are manufactured to conform to the industry standards of acceptable gauge tolerances. These liners will meet or exceed the performance standards of the value liners offered by other US bag makers and the low priced imports that have become so popular. Now you can compete with the imports with a bag that is made in the USA!

ITEM NUMBER	BAG WIDTH	BAG LENGTH	BAG GAUGE	CASE COUNT	MAX. DRY LOAD CAP.	GALLON CAP.	SKID COUNT	ROLLS/ CASE	BAGS/ ROLL
HIGH DENSITY LINERS ON ROLLS (CLEAR or BLACK)									
RCH242406 N/K	24	23		1000	15 lbs	7-10 gal	77	20	50
RCH242408 N/K	24	23		1000	20 lbs	7-10 gal	70	20	50
RCH243306 N/K	24	31		1000	15 lbs	12- 6 gal	77	20	50
RCH243308 N/K	24	31		1000	20 lbs	12-16 gal	70	20	50
RCH303710 N/K	30	36		500	30 lbs	30	70	10	50
RCH303713 N/K	30	36		500	50 lbs	30	70	10	50
RCH303716 N/K	30	36		500	75 lbs	30	56	10	50
RCH334011 N/K	33	39		500	35 lbs	33	70	10	50
RCH334013 N/K	33	39		500	50 lbs	33	56	10	50
RCH334016 N/K	33	39		250	75 lbs	33	70	10	25
RCH334017 N/K	33	39		250	80 lbs	33	70	10	25
RCH366011 N/K	36	58		200	35 lbs	55	70	8	25
RCH366012 N/K	36	58		200	45 lbs	55	70	8	25
RCH366014 N/K	36	58		200	55 lbs	55	70	8	25
RCH366016 N/K	36	58		200	80 lbs	55	70	8	25
RCH366017 N/K	36	58		200	80 lbs	55	70	8	25
RCH374612 N/K	37	46		250	45 lbs	BRUTE	70	10	25
RCH374614 N/K	37	46		250	55 lbs	BRUTE	70	10	25
RCH374616 N/K	37	46		250	75 lbs	BRUTE	70	10	25
RCH386012 N/K	38	58		200	45 lbs	55	70	8	25
RCH386014 N/K	38	58		200	55 lbs	55	70	8	25
RCH386016 N/K	38	58		200	80 lbs	55	70	8	25
RCH386017 N/K	38	58		200	80 lbs	55	70	8	25
RCH404810 N/K	40	46		250	30 lbs	45	70	10	25
RCH404812 N/K	40	46		250	45 lbs	45	70	10	25
RCH404814 N/K	40	46		250	55 lbs	45	70	10	25
RCH404816 N/K	40	46		250	75 lbs	45	70	10	25
RCH404817 N/K	40	46		250	80 lbs	45	56	10	25
RCH434812 N/K	43	46		200	45 lbs	56	70	8	25
RCH434814 N/K	43	46		200	55 lbs	56	70	8	25
RCH434816 N/K	43	46		200	75 lbs	56	70	8	25
RCH434817 N/K	43	46		200	80 lbs	56	70	8	25
SUPER HEAVY HIGH DENSITY LINERS ON ROLLS (CLEAR or BLACK)									
RCH334019 N/K	33	40		250	85 lbs	33	70	10	25
RCH334019 N/K	33	40		250	85 lbs	33	70	10	25
RCH366022 N/K	36	58		150	85 lbs	55	70	10	15
RCH386022 N/K	38	58		150	85 lbs	55	70	10	15
RCH404819 N/K	40	46		200	85 lbs	45	70	8	25
RCH404822 N/K	40	46		150	85 lbs	45	70	10	15
RCH434822 N/K	43	46		150	85 lbs	56	70	10	15
RCH486024 N/K	48	60		100	90 lbs	63	70	10	10

Features Include: Convenient coreless mini-rolls with easy to separate perforations. Star seal bottoms evenly distribute the load making the bags leak proof. Excellent odor and moisture barrier. FDA approved for food contact. 100% recyclable. Available in Black (K) or Natural (N).



specialty bags

These Poly Food Storage bags are produced with 100% FDA approved resins.

ITEM NUMBER	BAG SIZE	BAG GAUGE	CASE COUNT
POLY FOOD STORAGE BAGS (CLEAR)			
NF428	4x2x8	0.65	1000
NF4212	4x2x12	0.65	1000
NF6315	6x3x15	0.70	1000
NF5547519	5.5x4.75x19	0.75	1000
NF8418	8x4x18	0.75	1000
NF8418-H	8x4x18	1.00	1000
NF21635	21x6x35	0.90	500

ITEM NUMBER	BAG SIZE	BAG GAUGE	CASE COUNT
BUN RACK COVERS			
SB5280	52x80	15 mic	50/rl

Custom Products

Pallet Covers & Gaylord Liners

These products can be manufactured out of black repro, or prime LLD resin.

Box Liners

Liners are made from linear low and high density resins, and can be used in industrial, food processing, and retail applications.

Other Products

These include drum liners, ASBESTOS bags, tubing & sheeting, dough bags, and more.

Materials

LLDPE • Hexene • HDPE • Blends • Additives • Recycled/Post Consumer • Tints & Colors • All virgin (prime) resins are FDA approved for food contact

**All Custom Products are made to order and minimum quantities apply.*



Tubular Bags



Gusseted Bags



Center Fold Bags



Center-Slit Gusseted



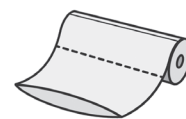
Center Fold Sheet



Gusseted Tube



Lay Flat Tube



Sleeve



Center-Slit Film

CAPABILITY	WIDTH MIN. TO MAX.		GAUGE MIN. TO MAX.	NOTE
	LLDPE	COEX		
Flat Seal Bags	18" to 66"	33" to 51"	.00009 - .007 mil	On cored roll if over 55"
Centerfold Bags	18" to 66"	33" to 51"	.00009 - .007 mil	
Gusseted Bags	5" x 5" (3-up) to 104"	N/A	.0006 - .006 mil	Face width 66" max
Star Seal Bags	20" to 72"	33" to 51"	.00055 - .002 mil	
Lay Flat Tubing, Gusseted Tubing, Center Slit Film, Center Slit Gusseted, Center Fold Sheet	18" to 104"	33" to 51"	.001 - .007 mil	Face width 66" max
Food Bags	4" x 2" x 8" to 21" x 6" x 35"		.65 - 2 mil Slit Seal	



general information

ordering

- Special runs available with 1,200lb minimum per SKU
- Average lead time is 10-14 days on stock items, and may be longer for custom items
- Orders are preferred in multiples of seven for better pallet configuration
- HDPE liners are on coreless mini rolls: Some can be folded, but minimum and price adjustments apply
- LLDPE and Repro can be folded or coreless
- EDI Compliant
- 250cs minimum for prepaid freight
- Private Label Opportunities

box and pallet information

- HDPE and LLDPE liners are packed in a plain white box
- Repro and Degradable liners are packed in a brown "earth friendly" box
- Boxes are stacked seven per layer
- All pallets are shrink wrapped
- Wrap-around labels available upon request
- All labels are visible from the outside

terms and conditons

- Invoices which are not paid 31 days after the original invoice date (except for special terms) are subject to service charges of 1% per month (12% per year).
- Specials and/or custom orders are non-returnable except for damaged or defected products.
- Prices are subject to change without notice.
- North American Plastics reserves the right to reject any order.
- Please consult your sales rep or call us for more information.



key contacts

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Website: www.noramcobag.com



Green Earth Can Liners

- PGB Series and T Series Liners
- Environmentally preferable
- Blended recycled LLDPE can liners
- Meet EPA, Federal, and State requirements for:
 - Recycled Plastics
 - Post Consumer content

Comprehensive Procurement Guidelines (CPG)

EPA's Recommended Recovered Materials
Content Levels for Plastic Trash Bags¹

PRODUCT	MATERIAL	POST CONSUMER CONTENT
Plastic Trash Bags	Plastic	10-100

¹EPA's recommendation does not preclude procuring agencies from purchasing a trash bag manufactured using another material, such as paper. It merely recommends that procuring agencies, when purchasing plastic trash bags, purchase items made from recovered materials.



**American Made Quality
At Prices That Beat the Imports**



North American Plastics & Chemicals

Manufacturers of High Quality Polyethylene Can Liners and Plastic Bags

1400 East 222nd Street • Euclid, Ohio 44117

216-531-3400

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