

by **WAXIE**®°







WAXIE's DuraStar can liners set the standard for the industry. These durable can liners are manufactured with both linear low-density and high-density resins and are available in a variety of sizes and colors. All DuraStar can liners have "star bottom" seals that provide exceptional strength and performance. DuraStar's topside dual-dispensing cartons allow you to pull from the top or may be stacked to save space while still dispensing liners from the side.

You can trust DuraStar liners. They are clearly labeled with correct specifications so you can be assured that you are getting the exact size, gauge, weight and count that you order. DuraStar can liners also comply with all federal and state regulations.

RELY ON DURASTAR

- Highest quality raw materials
- State-of-the-art testing equipment
- Continuous research and product development
- High-performance standards for tear specifications
- High-performance standards for impact specifications
- High-performance standards for dry/wet load capacity specifications
- Commitment to quality and support

LINEAR LOW DENSITY BAGS (LLD)

Used for rough or sharp objects under tough transport conditions. These bags are very strong and are more resistant to tearing, but handle lower load capacities than Hi-D bags.

Suggested LLD applications:

- · Sticks, rough yard trimmings, glass-
- · Metal with 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 bags are very strong and handle higher load capacities than LLD bags, but tear easier once punctured.

Suggested Hi-D applications:

- Paper plates, cups, towels, office
- Grass, rags, smooth heavy objects
- Cans without sharp edges, food without sharp edges

HEALTHCARE

- Made from highest quality raw materials
- Mineral reinforced to enhance physical properties
- Performance bottom seal resists leakage
- Top-side dual dispensing box
- Full-range product line
- Reliable, consistent quality
- Individually folded and coreless rolls

ADVANTAGES OF STAR SEAL

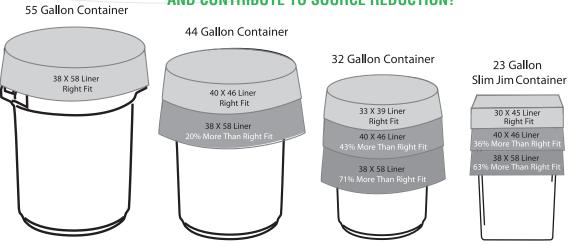
The Star Seal is the best type of seal on the market. Designed without gussets, the Star Seal eliminates gaps along the seal where leaks can occur. This allows the bag to more easily conform to the shape of the container and distributes refuse weight evenly inside the bag. Star Seal liners maximize the bags carrying capacity and virtually eliminates leaks.

PACKAGING

Topside dual-dispensing packaging packed for end user convenience, our topside dual-dispensing cartons were developed in response to customers' needs. Now, cartons may be stacked to save space while still dispensing liners with greater ease.

"RIGHT-SIZING" YOUR CAN LINER ADDS UP!

WHY "SUPER-SIZE" WHEN YOU CAN "RIGHT-SIZE" AND SAVE MONEY
AND CONTRIBUTE TO SOURCE REDUCTION?





STEP 1 Choose Bag Size .

Aspen/Landmark™ Ash-Trash Round Hole 2.5 Gallon Inner Rigid Lines

10.25Sq. x 16 H Suggested Bag Size

LLD 24x23



Steel Combo/Ash-Trash Funnel Top

3 Gallon Inner Rigid Liner 10 Dia x 15 H

Suggested Bag Size **ⅢD** 24x23

HD 24x24 Office (3,4) MCF 15.70»24.00

Rectangle Wastebasket

3.5 Gallon 11.375 L x 8.25 W x 12.125 H

Suggested Bag Size **LLD** 20x21 **HD** 20x22

Office (5) MCF 17.63»19.15

7 Gallon 14.375 L x 10.25 W x 15 H Suggested Bag Size

LLD 24x23 HD 24x24

Office (7) MCF 22.63»23.83

15.25 L x 11 W x 19.875 H **Suggested Bag Size** LLD 24x32

HD 24x33, 24x27 Office (8) MCF 24.25»29.28

Round Wastebasket 6.5 Gallon

13.5 Dia. x 14.5 H Suggested Bag Size LLD 24x23 or 24x32 HD 24x24 or 24x27 Office Only (6) MCF 21.20»25.25

10 Gallon 15.75 Dia. x 18 H Suggested Bag Size

IID 24x32

HD 24x33 Office (10) MCF 24.73»29.88

Janitorial Cart 25 Gallon

17.25 L x 10.5 W x 30.5 H Suggested Bag Size

LLD 33x39, or 26x42 HD 33x40, 26x42, or 30x43` Office (27) MCF 25.75»40.60

Profile Series™ 15 Gallon

19.5 L x 11.875 W x 32.625 H Suggested Bag Size

LLD 33x39 or 30x45 **HD** 33x40

Office (13) MCF 15.70»24.00

Untouchable* Half Round ► 21 Gallon 21 L x 11 W x 28 H Suggested Bag Size

LLD 30x43, 26x46 or 33x39 HD 30x43 or 33x40 Office (19) MCF 30.00»39.85

Untouchable Round Base F 22 Gallon 15.75 Dia. x 30.175 H

Suggested Bag Size LD 30x43, 26x42 or 33x39

HD 30x43 or 33x40 Office (21) MCF 24 73»42 05

Slim Jim^e 23 Gallon

20 L x 11 W x 30 H Suggested Bag Size LLD 30x43 or 33x39

HD 30x43 or 33x40 Office (23) MCF 29.00»41.41

Wastemaster™ 24 Gallon Without Rigid Liner 14 Sq. x 35.5 H

Suggested Bag Size LLD 40x46 or 37x44

HD 37x46 or 40x48 Office (24) MCF 26.00»45.40

Marshall® /Roun' Top

15 Gallon Inner Rigid Line 15.375 Dia. x 27.25 H Suggested Bag Size LLD 30x36 or 26x42

HD 30x37

Office (15,16) MCF 24,14»38.94

21 Gallon Inner Rigid Liner 14.5 Dia. x 30 H Suggested Bag Size

LLD 30x43 or 33x39 HD 30x43 or 33x40 Office (20) MCF 22.7»41.25

25 Gallon Without Rigid Liner

16.25 Dia. x 30.5 H Suggested Bag Size

LLD 40x46 or 37x44 HD 37x46 or 40x48

Office (25) M CF 25.51»42.63

Ash-Trash

15 Gallon Without Rigid Liner 15.5 Dia. x 27.25 H

Suggested Bag Size LLD 30x36 or 26x42

HD 30x37

Office (14) MCF 24.34»39.00

25 Gallon Without Rigid Liner

18 Dia. x 30.5 H Suggested Bag Size

LLD 40x46 or 37x44 HD 37x46 or 40x48

Office (26) MCF 28.26»43.50

Untouchable Square 19 Gallon 14.5 Sa. x 24 H

Suggested Bag Size

Ш 30х36 **HD** 30x37

Office (17) MCF 27.00»34.25

23 Gallon

14.5 Sq. x 28 H Suggested Bag Size

LLD 33x39 or 30x43

HD 30x40 or 30x43 Office (22) MCF 27.00»38.25

35 Gallon

19.5 Sq. x 27.625 H Suggested Bag Size

LLD 40x46 or 37x44

HD 40x48 or 37x46 Office (34) MCF 37.00»41.41

Aspen

12 Gallon Inner Rigid Liner 13.75 Sq. x 27.375 H

Suggested Bag Size LLD 33x39 or 26x42 **HD** 33x40

Office (11) MCF 25.50»37.10



LLD 40x48 HD 37x46

Office (38) MCF 3700»4179

Liner Cart

30 Gallon 18 L x 8 W x 37 H

Suggested Bag Size IID 30x43 or 33x39 HD 30x43 or 33x40 Office (29)

38 Gallon

18 L x 12 W x 40 H Suggested Bag Size

LLD 30x43 or 33x39 HD 30x43 or 33x40

Office (39)

Ranger*

35 Gallon Inner Rigid Liner 16.625 Sq. x 28.5 H

Suggested Bag Size LLD 33x39

HD 33x40

Office (35) MCF 31.25»40.26

45 Gallon Inner Rigid Liner

18.25 Sq. x 29.125 H Suggested Bag Size

LLD 40x46 or 37x44

HD 40x48 or 37x46 Office (43) MCF 34 50»42 03

Landmark Series™ 35 Gallon Inner Rigid Liner

19.5 Sq. x 28.5 H Suggested Bag Size LLD 44x55

HD 37x46

Office (37) MCF 37.00»41.79

45 Gallon Inner Rigid Liner

19.5 Sq. x 34.25 H Suggested Bag Size

HD 40x48 or 37x46 Office (44) MCF 37.00»48.04

Square Brute® Square Huskee

28 Gallon

21.5 Sq. x 22.5 H Suggested Bag Size

LLD 43x47

HD 43x48

Office (28) MCF 41.00»37.70

32 Gallon

21.5 Sa. x 22.5 H Suggested Bag Size

LLD 43x47

HD 43x48 Office (33) MCF 41.00»37.70

40 Gallon

23.5 Sq. x 28.75 H

Suggested Bag Size

LLD 40x46 or 43x48

HD 40x48 or 43x48 Office (41) MCF 45.00»45.37

48 Gallon 23.5 Sq. x 28.75 H

Suggested Bag Size

LLD 46x50

HD 46v50 Office (46) MCF 45.00»45.37

X-Frame 26 L x 25.5 W x 36 H Suggested Bag Size

ⅢD 50x48

HD 52x48 Office (56) MCF 49.50»54.21

Big Wheel®

50 Gallon 22.65 L x 26.75 W x 38.75 H

Office (47) MCF 43.38»54.79

Suggested Bag Size LLD Custom Liner HD Custom Liner

Tilt 'N Wheel

27.25 L x 23 W x 41 H Suggested Bag Size LLD Custom Liner

HD Custom Liner Office (49) MCF 48.25»58.83

Round Brute®

10 Gallon 15.625 Dia. x 17.125 H

Suggested Bag Size

LLD 24x32 HD 24x33 or 24x27 Office (9) MCF 24.53»28.94

20 Gallon

19.5 Dia. x 22.875 H Suggested Bag Size

LLD 30x43 or 30x36

HD 30x37

Office (18) MCF 30.62»36.63

32 Gallon

22 Dia. x 27.25 H

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

Office (31) MCF 34.54»42.25

24 Dia. x 31.5 H

Suggested Bag Size LLD 37x50 or 40x46

HD 40x48 or 37x46 Office (42) MCF 37.68»47.50

55 Gallon

26.5 Dia. x 33 H

Suggested Bag Size LLD 43x47 or 44x55

HD 43x48 Office (55) MCF 41.61»50.25

Drum

55 Gallon

24 Dia. x 34 H Suggested Bag Size

ШD 38х58 **HD** 38x60

Office (52) MCF 37.68»50.00

Galvanized 31 Gallon

24 Dia. x 27 H Suggested Bag Size **Ш** 33х39

HD 33x40 Office (30) MCF 32.97»41.50

Glutton* 56 Gallon Without Rigid Liner 25.5 L x 22.75 W x 31.125 H

Suggested Bag Size LLD 43x47

HD 43x48 Office (53) MCF 46.25»48.21

King Kan 35 Gallon

20 Sq. x 39.5 H Suggested Bag Size LLD 44x55

HD 38x60 Office (36) MCF 38.00»53.64

50 Gallon Inner Rigid Liner

22 Sa. x 24.5 H Suggested Bag Size LLD 43x47 or 44x55

HD 43x48

Ш 43х47

Office (50) MCF 42.00»40.06

65 Gallon Inner Rigid Liner 22 Sq. x 24.5 H Suggested Bag Size

HD 43x48 Office (55) MCF 42.00»40.06







1. We identified the most common cans in the market place.

2. Each bag was hand

tested for the right size with proper overhang. 3. A "Right-Size" product line was designed that eliminates guess work,

and saves you money









STEP 2 Choose Plastic Type _

Plastic Type (Choose the right plastic for the right application)					
Plastic Type >>	Linear Low Density Bag Recommended for sharper objects under tougher transport conditions. Linear Low Density bags have excellent resistance to puncture and tearing.	High Density Bag Great for paper and non-sharp objects under moderate transport conditions. Uses less plastic than Linear Low Density. Has excellent resistance to puncture and light resistance to tearing.			
Puncture Resistance »	Good Resistance	Greater Resistance			
Tear Resistance »	Greater Resistance	Good Resistance			
Load Capacity >>	Good Load Capacity	Greater Load Capacity			

STEP 3 Choose Gauge (Thickness) _

Film thickness is no longer the standard for judging bag strength. Advanced resins and additives have allowed manufacturers to produce thinner, lighter trash bags that are stronger than thicker bags made from lesser quality raw materials.

Static load (lifting strength) is the best way to choose bag strength. See example in Step 4.

STEP 4 Choose Product Number -

Select from the WAXIE Product Catalog (pages 339–344) or from the "Product" section on the WAXIE website (www.waxie.com).

MICRONS TO MILS

6 = 0.23	
7 = 0.27	
8 = 0.31	FORMULAS
9 = 0.35	
10 = 0.39	Case Weight Formulas Linear Low Density
11 = 0.43	Length x Width x Gauge (in mils) ÷ 15
12 = 0.47	÷ 1000 x bags per case = net lbs. per case
13 = 0.51	High Density
14 = 0.55	Length x Width x Gauge (in microns) ÷
15 = 0.59	$14.5 \div 25.4 \div 1000 \text{ x bags per case} = \text{net lbs.}$
16 = 0.62	per case
17 = 0.66	Microns to Mils Formula
18 = 0.70	Divide the microns by 25.4 to arrive at mic thickness. Example:
19 = 0.74	10 Microns ÷ 25.4 = 0.39 Mil
20 = 0.78	24 Microns ÷ 25.4 = 0.94 Mil
21 = 0.82	Mils to Microns Formula
22 = 0.86	Multiply the mils by 25.4 to arrive
23 = 0.90	at mil thickness. Example: 1.00 Mil = 25.4 Microns
24 = 0.94	0.30 Mil x 25.4 = 7.6 Microns
25 = 0.98	0.65 Mil x 25.4 = 16.5 Microns



by **WAXIE**®®

APPROXIMATE GAUGE EQUIVALENTS

Linear Low Density	High Density
Refuse Weight 0.30-0.35 Mil	Refuse 6 Mic
Light Weight 0.36-0.49 Mil	Light 7-9 Mic
Medium Weight 0.50-0.60 Mil	Medium 10-12 Mic
Heavy Weight 0.61074 Mil	Heavy 13-14 Mic
Extra Heavy .075-0.80 Mil	Extra Heavy 15-17 Mic
Super Tuf 0.81-1.0 Mil	XXH 18-24 Mic
Super Heavy 1.1-1.2 Mil	
XXH 1.3-1.9 Mil	
XXXH 2.0-3.0 Mil	



SOURCE REDUCTION THROUGH TECHNOLOGY

Advanced polymer blends offer:

- Improved performance at thinner gauges
- · High-quality prime resin
- Star-Seal the strongest seal available

Savings. Why buy more plastic than you need?

Better performance at thinner gauges means purchasing less plastic for the same job. Advanced Polymer Blends!

Source reduction facts:

- · Less plastic is needed for the same job
- Reduces greenhouse gas emissions
- · Double bagging not required

SOURCE REDUCTION THROUGH MINERALS

Up to 14% natural materials. Non-petrochemical reinforcement additive.

- · A natural mineral reinforcement additive
- · Greatly enhances the durability of the bag
- Non-petrochemical, abundant and all-natural

Savings. With enhanced durability and dependability, product failures become nearly obsolete, creating better workplace efficiencies.

Better performance at thinner gauges means purchasing less plastic for the same job. Advanced Polymer Blends!

Source reduction facts:

- · Reduces energy used to produce bag
- Uses an abundant all-natural mineral
- Reduces the reliance on petrochemical materials

SOURCE REDUCTION THROUGH RESEARCH

Savings. Eliminates the purchasing of oversized bags, and promotes product consolidation and SKU reduction.

- Ensures the correct match between liner and can
- No more guess work the Right-Size product line
- Prevents the bag from falling into can

Source reduction facts

- · Reduces plastic going into landfills
- Ensures plastic is not wasted due to over-sizing
- Improves supply chain efficiencies packaging and transportation, etc.

HIGH-DENSITY LINERS

High-Density Coreless Roll Liners



DURASTAR CORELESS ROLL LINERS

High-density coreless roll liners with star seal bottoms. Natural color except for where black is noted.

Item #	Size	Mic	GL Capacity	Pack
704508	17x18	6	4	2000 (40/50)
702010	20x22	6	7	2000 (40/50)
704510	24x24	6	7-10	1000 (20/50)
704513	24x24	8	7-10	1000 (20/50)
709040	24x33	6	12-16	1000 (20/50)
704515	24x33	8	12-16	1000 (20/50)
704522	30x37	8	20-30	500 (20/25)
704525	30x37	10	20-30	500 (20/25)
704529	33x40	9	33	500 (20/25)
704530	33x40	11	33	500 (20/25)
704730	33x40	13	33	500 (20/25)
704534	33x40	16	33	250 (10/25)
704536	33x40 Black	19	33	250 (10/25)
704372	36x60	14	55	200 (8/25)
704362	36x60	17	55	200 (8/25)
704565	37x46	12	40-45	250 (10/25)
704524	37x46	14	40-45	250 (10/25)
704371	37x46	16	40-45	250 (10/25)
704538	37x46 Black	16	40-45	250 (10/25)
704361	38x60	17	55	200 (8/25)
704460	40x48	12	40-45	250 (10/25)
704540	40x48	14	40-45	250 (10/25)
704500	40x48	16	40-45	250 (10/25)
704543	40x48 Black	19	40-45	200 (8/25)
704544	40x48 Black	22	40-45	150 (6/25)
702068	43x48	14	56	200 (8/25)
704591	43x48	16	55	200 (8/25)
708180	43x48 Black	18	55	200 (8/25)





DURASTAR WAXIE MAXIE TIE-TIE LINERS

These liners incorporate all the advantages of the Tie-Tie liners, except they are white and printed with "WAXIE Maxie Tie-Tie." They have patented Quick-Tie Flaps for easy closure and handling. The 34x39 is a perfect fit for 32-gallon can and the 3846 is a perfect fit for 44-gallon can. Coreless rolls (36x52 is non-printed).

Item #	Size	Mic	GL Capacity	Pack
702400	34x39	18	33	240 (12/20)
702410	38x46	18	40-45	160 (8/20)
702420	42x46	18	55	200 (10/20)

DURASTAR STEEL LINERS

These liners incorporate all the advantages of high density liners, plus the benefits of three-layer extrusion. Actually three liners in one, they perform like much thicker liners. Steel-gray color.

Item #	Size	Mic	GL Capacity	Pack
702080	33x40	22	33	250
702090	40x48	22	40-45	150
702100🚱	36x60	22	55	150
702110 ③	38x60	22	55	150
702105🏵	43x48	22	56	150

High-Density Individually Folded Liners



DURASTAR HI-DENSITY BROWN LINERS

Chocolate color helps hide trash and blends in with many trash receptacles.

Item #	Size	Mic	GL Capacity	Pack
704615	24x24	6	7-10	1000
704620	24x33	6	12-16	1000
704630	30x37	8	20-30	500
704640	33x40	11	33	500
704650	40x48	14	40 - 45	250

LOW-DENSITY LINERS

Low-Density Coreless Roll Liners



DURASTAR SUPER CLEAR LINERS

Convenient Coreless Rolls* for easy handling. Made from new technology premium material for added strength. Excellent stretch and strength prevents bag failures and eliminates zippering or tearing. Clear liners are excellent for security reasons. Designed for heavy to extra heavy-duty trash applications. Coreless rolls.

Item #	Size	Mil	GL Capacity	Pack
702470	24x24	0.4	7-10	500
702480	30x37	0.75	20-30	250 (10/25)
702490	32x42	1.15	33	250 (10/25)
702500	40x48	1.15	40-45	150 (10/15)
702510	36x60	1.15	55	125 (5/25)
702520	42x48	1.15	55	100 (10/10)
*Except for 702470				



Low-Density Individually Folded Liners



DURASTAR TUFF N' STRETCH LINERS

Made of linear low material for industrial performance with excellent stretch to prevent bag failures. Black color hides unsightly trash. Designed for light to medium-duty trash applications. Lighter gauges provide an economical solution.

Item #	Size	Mil	GL Capacity	Pack
700110	17x17	0.40	4	2000
700130	20x21	0.40	7	2000
700045	24x23	0.40	7-10	500
700150	24x23	0.40	7-10	1000
700170	24x32	0.40	12-16	1000
700190	30x36	0.50	20-30	500
700210	33x39	0.50	33	500
700215🚱	33x39	0.80	33	250
700230	40x46	0.75	40-45	250
700235	40x46	0.95	40-45	125
700250 ❸	36x58	1.0	55	200
700270🏵	43x47	1.0	56	200



DURASTAR INSTITUTIONAL LINERS

Made of linear low material for industrial performance, these liners are designed for heavy-duty trash applications. Their excellent stretch and strength prevents bag failures and eliminates zippering or tearing. Buff color hides unsightly trash.

Item #	Size	Mil	GL Capacity	Pack
700550	24x23	0.6	7-10	500
700560	24x32	0.6	12-16	500
700570	33x39	1.0	33	250
700590	40x46	1.0	40-45	250
700970	30x47	1.8	38	100



DURASTAR SUPER STAR LINERS

Made from new technology premium material for added strength. Excellent stretch and strength prevents bag failures and eliminates zippering or tearing. Attractive blue color hides unsightly trash and offers a color-coding solution. Designed for heavy to extra heavy-duty trash applications.

Item #	Size	Mil	GL Capacity	Pack
703510	32x42	1.15	33	250
703530	40x48	1.15	40-45	150
703550	36x60	1.15	55	125
703570	42x48	1.15	56	100



DURASTAR BLACK MAX LINERS

Heavy gauge for a traditional "Industrial Grade" liner. Excellent stretch and strength prevents bag failures and eliminates zippering or tearing. Black opaque color hides unsightly trash. Designed for extra heavy-duty trash applications.

Item #	Size	Mil	GL Capacity	Pack
703074	33x39	1.5	33	150
703075🚱	33x39	2.0	33	150
703079	36x58	1.5	55	100
703080🚱	36x58	2.0	55	100
703082	43x47	1.5	55	100
703084	40x46	1.5	40-45	100
703085🏵	40x46	2.0	40-45	100
704049 ®	40x46	1.25	40-45	125





DURASTAR WAXIE MAXIE LINERS

The ultimate stock bag available in the industry, WAXIE Maxie's excellent stretch and strength prevents bag failures and eliminates zippering or tearing. Made from new technology premium material for added strength. Attractive white color hides unsightly trash, offers a color-coding solution and a clean, sanitary appearance. Designed for extra heavy-duty trash applications.

Item #	Size	Mil	GL Capacity	Pack
700430	30x37	1.5	20-30	275
700450	33x41	1.5	33	250
700470	40x48	1.5	40-45	150
700480	42x48	1.6	55	100
700490	36x60	1.6	55	125

HOSPITAL LINERS



DURASTAR UNPRINTED HOSPITAL LINERS

High-density hospital liners available in various sizes, gauges and colors.

Item #	Size	Color	Micron	GL Capacity	Pack
704000	30 ¹ / ₂ x43	Blue	14	38	250
704010	30 ¹ / ₂ x43	Green	14	38	250
700035	30x45	Blue	19	38	250
700030	38x46	Blue	14	40-45	250
703065	40x48	Blue	19	40-45	200



DURASTAR PRINTED HOSPITAL LINERS

These liners meet state and many local requirements plus surpass the 165-gram dart test. Red liners are imprinted with "Infectious Waste" in both English and Spanish. Yellow liners are imprinted with "Infectious Linen" in both English and Spanish. Blue liners are imprinted with "Soiled Linen" in both English and Spanish. Autoclave has "Bio-Hazard" imprint.

Low-Density								
Item #	Size	Color	Mil	GL Capacity	Pack			
701040	24x24	Red	1.2	7-10	500			
701050	33x41	Red	1.2	33	250			
701065	40x48	Red	1.2	40-45	100			
703020	30 ¹ / ₂ x43	Yellow	1.2	38	250			
703090	30 ¹ / ₂ x43	Red	1.2	38	250			
High-Densi	ity							
Item #	Size	Color	Mic	GL Capacity	Pack			
704020	24x24	Red	11	7-10	1000			
700037	24x33	Red	11	12-16	1000			
703168	30x45	Blue	19	38	250			
703980	30 ¹ / ₂ x43	Yellow	14	38	250			
703990	30 ¹ / ₂ x43	Red	14	38	250			
700039	38x46	Red	16	40-45	250			
700036	40x48	Red	16	40-45	250			
Miscellaneous Liners								
Item #		Color	Mil	GL Capacity	Pack			
707071	24x32 E	Black	1.0	12-16	250			
706180	43x48 S	Steel Blue	0.98	55	150			

