

January 2014

DISTINCTIVE RETAIL PACKAGING

for SSL Group

**GOOD EARTH
PACKAGING**

Earth-Friendly
Bag Alternatives
Now Available



**COMMONWEALTH
PACKAGING COMPANY**

www.commonwealthpackaging.com

TABLE OF CONTENTS

	Page
GENERAL SHIPPING INFORMATION	1
IMPRINTING INFORMATION	1
FAX AND PHONE NUMBER INFORMATION.....	1
CUSTOMER SERVICE AND SALESMAN CONTACT.....	1
PREPARATION CHARGES AND COPY SIZE	1
STOCK SKIER / SNOWBOARDER PACKAGE.....	2
GIFT BOXES.....	3
HI-GLOSS FINISH COLORS.....	3
MATTE FINISH TEXTURES.....	3
WHITE TEXTURE OR GLOSSY WHITE	3
GLOVE.....	3
GOOD EARTH PACKAGING	
PLASTIC BAG ALTERNATIVES.....	4-5
E-COMMERCE PACKAGING	
POLY MAILING ENVELOPES	6
PLASTIC BAGS	
COTTON DRAWSTRING (IMPORTED AND DOMESTIC)	7
T-SHIRT STYLE	7
REINFORCED PATCH HANDLE	7
SHOULDER TOTE.....	7
THICK / THIN HANDLE BAG	8
HI-DENSITY MERCHANDISE BAGS	8
PLASTIC GARMENT BAGS ON A ROLL	8
PAPER BAGS AND SHOPPING BAGS	9
RECYCLED NATURAL KRAFT PROGRAM	
BAGS.....	10
BOXES.....	10
SHOPPING BAGS	10
POLY CLOTH TOTES	11
FINISHING TOUCHES	
ZIPPER GARMENT BAGS	12
TISSUE PLAIN AND COLORED.....	12
PRINTED TISSUE	12
ELASTIC TIES.....	12
STARBOWS	12

GENERAL INFORMATION

PHONE: Toll Free (800) 999-5470 – (717) 657-3113

FAX NUMBER: (717) 657-5755

CUSTOMER SERVICE CONTACT: ANGIE BEAVERSON – 800-999-5470, EXT. 246

SALESMAN CONTACT: STUART STEINBERG – PHONE (215) 646-1476 – FAX (215) 646-6487
E-MAIL ssteinberg@commonwealthpackaging.com

ORDER DEADLINE AND DELIVERY INFORMATION:

GIFT BOXES –

All orders must be received by August 28, 2020 to ship no later than the week of November 13, 2020.

PLASTIC BAGS –

All orders must be received by August 28, 2020 to ship no later than the week of November 13, 2020, with the EXCEPTION of IMPORTED PLASTIC BAGS. Imported Plastic Bags have a production time of 10 to 12 weeks after signed approval of proof of order.

FREIGHT –

FOB our plant via UPS. If truck is used, a 45 percent discount will be passed on.

PREPARATION CHARGES –

All art, engraving plates, and preparation charges will be indicated on your proof and/or order acknowledgement before we begin production. Preparation charges will be added to invoice when shipment is made. Art charges will be quoted upon request. Photostatic copies are not acceptable as camera-ready art.

COPY SIZES –

Imprinting on your Gift Boxes is done after manufacturing. Therefore there are limitations concerning the placement and size of imprint area. Printed and Hot Stamped Boxes achieve best results in CENTERED position ONLY and NOT OVER ANY FOLDS.

MAXIMUM IMPRINT AREA:

BOX SIZE	PLATE IN INCHES	BOX SIZE	PLATE IN INCHES
11½ x 8½ x 1½	7 x 4	19 x 12 x 3	10½ x 5
15 x 9½ x 2	10½ x 5	24 x 14 x 4	10½ x 5
17 x 11 x 2½	10½ x 5		

PRICES –

Subject to change without notice

HOT STAMPING –

Charges for Gift Boxes:

\$190.00 per lot or per thousand up to 999 boxes
\$170.00 per thousand for over 1,000 boxes

Charges for Shopping Bags:

1 Side \$190.00 per lot or per thousand
2 Sides \$380.00 per lot or per thousand

ORDERS -

All orders must be written on a SSL purchase order and submitted through the SSL office.

ACKNOWLEDGEMENTS -

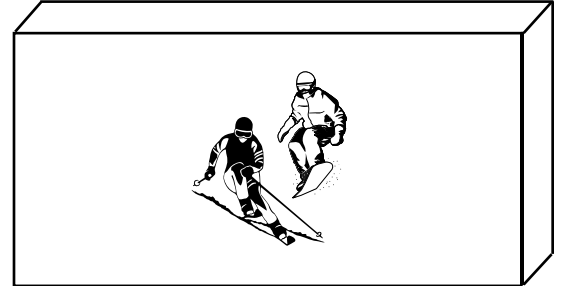
One copy will be sent to the SSL office with the original copy to the store.

STOCK SKIER/SNOWBOARDER PACKAGE

1. GLOSSY WHITE GIFT BOX WITH GOLD FOIL SKIER/SNOWBOARDER

CODE NO.	SIZE	PRICE PER 100	CASE PACK
278	11½ x 8½ x 1½	\$ 52.20/C	100
299	15 x 9½ x 2	59.95/C	100
305	17 x 11 x 2½	93.75/C	50
309	19 x 12 x 3	109.10/C	50
124	24 x 14 x 4	198.75/C	25

GIFT BOX



2. POLY BAGS WITH SKIER/SNOWBOARDER

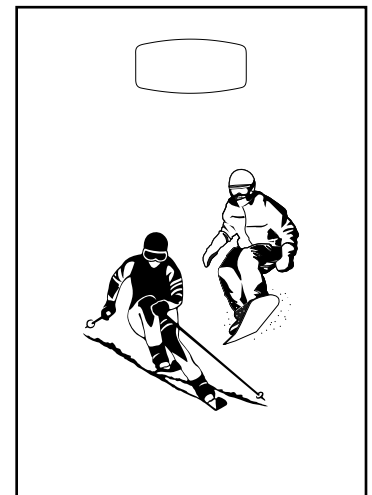
— Printed Gold

- Hi Density — Printed Gold 1 Side

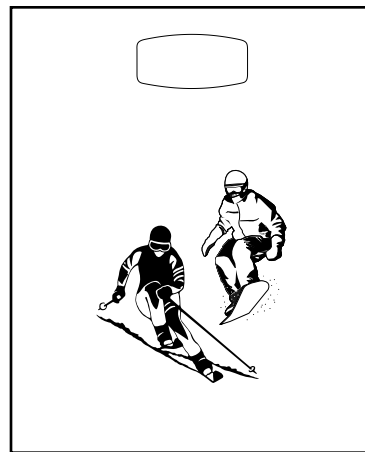
10 x 2 x 15	\$ 83.00/M	Packed 1000
20 x 5 x 30	204.00/M	Packed 500
- Thick Thin — Printed Gold 2 Sides

15 x 18 x 4	\$178.00/M	Packed 1000
20 x 20 x 5	218.00/M	Packed 500

HI DENSITY BAG



THICK THIN HANDLE BAG



Our Bags are Recyclable

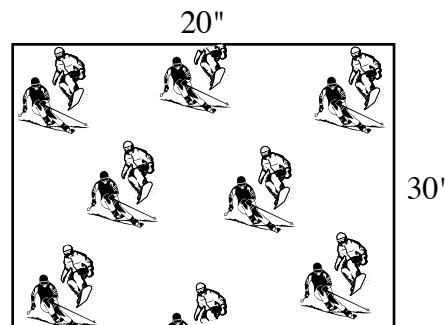
3. PRINTED TISSUE 20" x 30"

White tissue printed with the Skier/Snowboarder Logo in a repeat pattern in gold ink.

Price per Ream \$56.85

A ream equals 480 sheets.

Packed 2 reams per bundle.



GIFT BOXES

HI-GLOSS FINISH COLORS



COLOR BOXES AVAILABLE*: Black, Red, Silver, Dartmouth Green, Ivory, Burgundy, Metallic Sage, Metallic Bronze, Metallic Sage.

CODE NO.	SIZE	PRICE PER 100	CASE PACK	CASE WEIGHT
278	11½ x 8½ x 1½	\$ 83.55	100	22 lb.
299	15 x 9½ x 2	106.75	100	33 lb.
305	17 x 11 x 2½	159.60	50	24 lb.
309	19 x 12 x 3	207.20	50	31 lb.
124	24 x 14 x 4	351.90	25	26 lb.

**More Colors Available by Special Quote*

MATTE FINISH ON KRAFT



COLOR BOXES AVAILABLE*: Dark Green, Navy, Black Kraft, Natural, Teal, Chocolate, Purple, Burgundy, Ivory

CODE NO.	SIZE	PRICE PER 100	CASE PACK	CASE WEIGHT
278	11½ x 8½ x 1½	\$ 69.60	100	21 lb.
299	15 x 9½ x 2	85.90	100	31 lb.
305	17 x 11 x 2½	133.90	50	23 lb.
309	19 x 12 x 3	168.85	50	29 lb.
124	24 x 14 x 4	292.40	25	24 lb.

**More Colors Available by Special Quote*

GLOSSY WHITE, WHITE INSIDE



CODE NO.	SIZE	PRICE PER 100	CASE PACK	CASE WEIGHT
278	11½ x 8½ x 1½	\$ 43.65	100	22 lb.
299	15 x 9½ x 2	54.95	100	33 lb.
305	17 x 11 x 2½	86.10	50	24 lb.
309	19 x 12 x 3	115.90	50	31 lb.
124	24 x 14 x 4	197.65	25	26 lb.

GLOVE BOX



1 PIECE - WHITE GIFT BOX

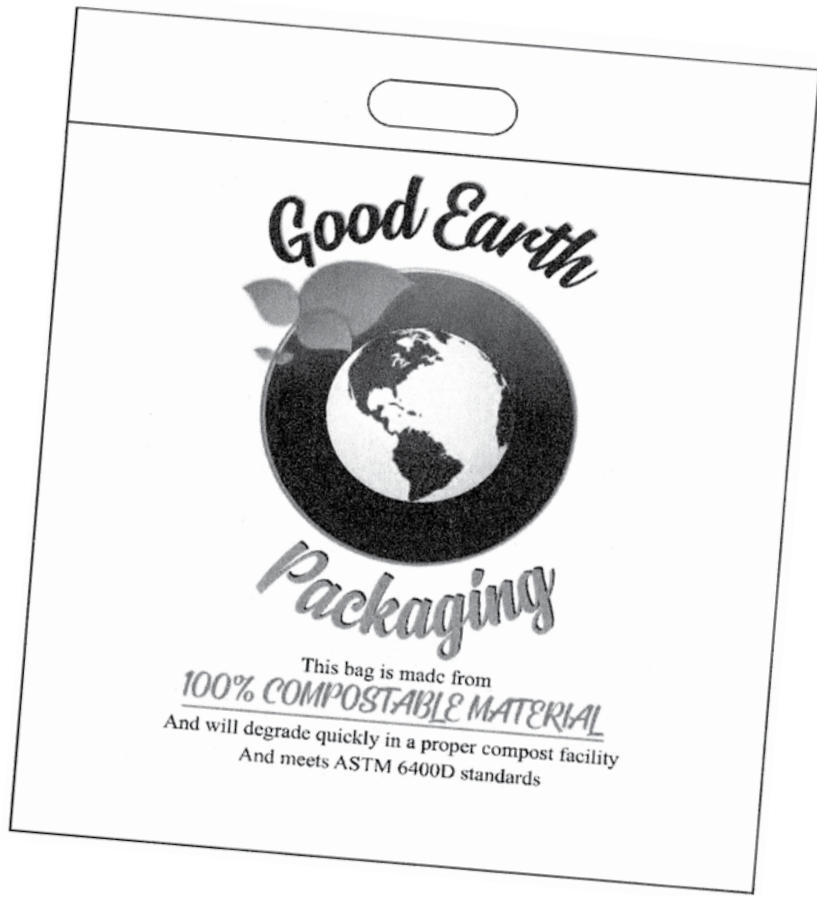
CODE NO.	SIZE	PRICE PER 100	CASE PACK	CASE WEIGHT
86G	12 x 6 x 6	\$121.80	100	38 lb.

PLEASE ADD FOR PRINTING:

HOT STAMPING – \$190.00 per lot or per thousand up to 999

For over 1,000 boxes - \$170.00 thousand

**Please call Stuart Steinberg if there is
a color, size, or style that you are looking for
but is not listed above.**



Commonwealth Packaging is proud to introduce GOOD EARTH PACKAGING. All made in the USA. Plastic bags made with alternative materials that offer sustainable, earth-friendly alternatives to traditional poly bags. They are available in three types:

PLANT-BASED POLY (*made from Sugarcane*) - This material requires ZERO FOSSIL FUELS during manufacturing and is made entirely from a renewable resource - Sugarcane. The film looks, feels and performs like traditional poly and is 100% RECYCLABLE.

COMPOSTABLE POLY (*ASTM D6400 compliant*) - A film engineered to completely degrade in a home or municipal compost facility within 180 days.

40% PCR POLY - Low Density polyethylene made with 40% POST CONSUMER RECYCLED content. This film has been engineered to comply with California's standard for REUSABLE packaging (certification pending).

GOOD EARTH PACKAGING

Made in USA



PLANT BASED (Sugarcane) POLY - .0025

Foldover Die Cut Handles - Clear Frosted Film Color

PRICE PER THOUSAND – Based on 1,000 Bags Printed 1 Color on 2 Sides

SIZE	5,000	10,000
12 x 18	\$339	\$319
15 x 18 x 4	\$419	\$398
18 x 18 x 4	\$498	\$478

40% PC CONTENT - .0025

Foldover Die Cut Handles - White Poly

PRICE PER THOUSAND – Based on 1,000 Bags Printed 1 Color on 2 Sides

SIZE	5,000	10,000
12 x 18	\$275	\$258
15 x 18 x 4	\$328	\$312
18 x 18 x 4	\$386	\$368

COMPOSTABLE POLY - .0025

Foldover Die Cut Handles - Milky White Color

PRICE PER THOUSAND – Based on 1,000 Bags Printed 1 Color on 2 Sides

SIZE	5,000	10,000
12 x 18	\$429	\$409
15 x 18 x 4	\$542	\$515
18 x 18 x 4	\$644	\$617

Many more sizes and ink color options available.



Please contact Stuart Steinberg with all inquiries and sample requests.

E-COMMERCE PACKAGING

CUSTOM PRINTED POLY MAILING ENVELOPES



Made in the U.S.A.

.002 Co-Extruded Material

Strong, Light, Water Resistant

White Outside, Gray Inside for Opacity

Ink, Stamps and Labels Adhere Easily

Printing is available on up to 8 colors on 2 sides
including process printing

Perforated Lip is Optional – please specify

SIZE	CARTON PACK	3,000	5,000
		<i>Prices Are Per 1,000</i>	
7 x 10 + 2	1,000	\$245.00	\$185.00
9 x 12 + 2	1,000	\$298.00	\$231.00
10 x 13 + 2	1,000	\$345.00	\$265.00
12 x 15.5 + 2	500	\$450.00	\$348.00
14 x 19 + 2	500	\$550.00	\$425.00
19 x 24 + 2	250	\$598.00	\$458.00
24 x 24 + 2	250	\$640.00	\$490.00

- The pricing above is based on a 1-color print with standard ink coverage (up to 50% ink).
- Printing Plates are billed at cost. When art files are supplied, we can provide an exact pricing for the plates. PDF and AI files are preferred.
- Many more sizes available! Contact Stuart for information.
- A full Stock Line is also available for immediate shipment.
- Plus, we have more E-Commerce Packaging available, such as Printed Tissue Paper, Boxes, Labels, etc.
- Please contact Stuart Steinberg with all inquiries or sample requests at 215-646-1476.

PLASTIC BAGS

COTTON DRAWSTRING

COLORS AVAILABLE: White - Black - Ivory - Gray - Red - Orange - Yellow - Silver
Light Blue - Teal - Hunter Green - Clear - Peach - Navy Blue

PLEASE NOTE: For Gold add 10% to the following prices

PRICE PER THOUSAND – Based on 5,000 Bags Printed 1 Color on 2 Sides

SIZE	DOMESTIC	IMPORTED
14 x 16 x 4	\$398.00	\$272.00
16 x 18 x 3	428.00	349.00
20 x 20 x 6	597.00	498.00
24 x 24 x 6	N/A	572.00

T-SHIRT STYLE

COLORS AVAILABLE: White - Black - Ivory - Gray - Navy Blue - Red - Orange - Yellow
Silver - Light Blue - Clear

LOW DENSITY

SIZE	PRICE PER THOUSAND
11¼ x 7½ x 23 (1.2 mil)	\$225.00
14 x 8 x 30 (1.5 mil)	284.00

HI-DENSITY – .0006 mil

12 x 7 x 24	\$146.00
14 x 10 x 30	216.00

REINFORCED PATCH HANDLE

COLORS AVAILABLE: White - Black - Ivory - Gray - Navy Blue - Red - Orange - Yellow - Silver
Pink - Magenta - Light Blue - Teal - Mauve - Hunter Green - Clear - Peach

GOLD film available: Add 10% upcharge

PRICE PER THOUSAND – Based on 5,000 Bags Printed 1 Color on 2 Sides

SIZE	DOMESTIC	IMPORTED
10 x 15	\$194.00	\$157.00
12 x 15	205.00	161.00
15 x 18 x 4	261.00	218.00
18 x 18 x 4	314.00	244.00
24 x 23½ x 5	476.00	429.00
24 x 27 x 5	525.00	478.00

**ALL OF OUR PLASTIC BAGS ARE RECYCLABLE AND
PRINTED WITH NON-TOXIC INK.**

**THERE ARE MANY MORE SIZES & STYLES AVAILABLE;
PLEASE CALL STUART STEINBERG WITH ANY INQUIRES!**

SHOULDER TOTE



BAG COLORS AVAILABLE: White - Clear Ivory - Gray - Yellow - Buff - Orange - Teal - Red - Navy Blue
Light Blue - Black - Hot Pink - Peach - Baby Pink - Dusty Rose - Silver

SIZE	PRICE PER THOUSAND
12 x 16½ x 3	\$745.00
14 x 19 x 3	795.00
16 x 22 x 3	825.00
24 x 22 x 3	995.00

Stock String Colors – Black - Red - Royal Blue - White - Brown - Navy Blue

THICK / THIN HANDLE



A variable film gauge. A process that allows the film at the top to be at least twice as thick as that at the bottom.

Prices include your logo printed one color on both sides.

BAG COLORS AVAILABLE: White - Yellow - Powder Blue - Ivory - Buff - Black - Gray - Red
Hunter Green - Dark Blue - Silver (*others available, please ask*)

MINIMUM ORDER QUANTITY: White Film 5,000 bags per size - Colored Film 10,000 bags per size

NOTE: These bags are imported and delivery is approximately 12-16 weeks

DELIVERY: FOB Harrisburg, PA

SIZE	GAUGE	PRICE PER THOUSAND
12 x 15	1.1 Body / 2.2 Handle Area	\$139.00
15 x 18 x 4	1.1 Body / 2.2 Handle Area	198.00
18 x 18 x 4	1.1 Body / 2.2 Handle Area	235.00
20 x 20 x 5	1.1 Body / 2.2 Handle Area	270.00
24 x 24 x 5	1.1 Body / 2.2 Handle Area	352.00

HI-DENSITY MERCHANDISE BAGS



BAG COLORS AVAILABLE: White - Pink - Yellow - Magenta - Red - Orange - Hunter Green
Light Blue - Ivory - Buff - Dark Blue - Silver - Gray

Prices include your logo printed one color on one side.

SIZE	PRICE PER THOUSAND	MINIMUM QUANTITY
10 x 2 x 15	\$116.00	5,000
12 x 3 x 18	152.00	5,000
14 x 3 x 21	192.00	5,000
16 x 4 x 24	226.00	5,000
20 x 4 x 30	285.00	5,000
24 x 6 x 36	342.00	5,000

PLASTIC GARMENT BAGS ON A ROLL



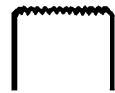
Prices include your logo repeat printed every 18 inches.

MINIMUM for custom imprint is 1000 Bags per size.

BAG COLORS AVAILABLE: White - Pink - Yellow - Magenta - Red - Orange - Hunter Green
Light Blue - Ivory - Buff - Dark Blue - Silver - Gray - Teal - Navy Blue

SIZE	1,000	2,000	3,000	BAGS PER ROLL
21 x 3 x 40	\$528.00	\$365.00	\$284.00	450
21 x 3 x 54	\$712.00	\$488.00	\$345.00	333

Other sizes available



PAPER BAGS

COLORS AVAILABLE –

White, Natural Kraft, Black, Yellow, Cream, Misty Gray, Wild Rose (Magenta),
Light Pink, Oatmeal, and Forest Green.

PRICES PER THOUSAND (NOT PRINTED)

SIZE	NATURAL KRAFT	WHITE	COLORED KRAFT
8½ x 11	\$49.95	\$ 62.50	\$ 93.80
12 x 15	79.95	99.80	158.20
12 x 2¾ x 18	118.60	139.75	239.90
14 x 3 x 21	156.10	189.65	317.40
16 x 3¾ x 24	212.80	242.15	458.95

Minimum: 500 Plain - 1,000 Imprinted

Imprinting: 1,000 bags \$90.00 per 1,000

2,000-3,000 bags \$80.00 per 1,000

3,000-5,000 bags \$78.00 per 1,000

Sizes do combine for quantity pricing

Please ask for pricing for quantities over 6,000 per size.

Additional colors available are: Blue, Plum, Peach, Lime Green, Wild Rose, and Orange



SHOPPING BAGS

COLORS AVAILABLE:

Kraft Colors: White Natural Kraft

Glossy Colors: Black, Hunter Green, Royal Blue, Silver, White, Yellow, Wine, Metallic Copper, Metallic Gold, Metallic Blue, Metallic Silver, Dusty Rose, Maroon, Navy, Sky Blue, Dark Red, Bright Red.

Matte Shadow Stripe Colors: Oatmeal, White, Apple Green, Teal, Navy, Black Kraft, Brick, Forest Green, Yellow, Red, Sage Green

PRICES PER HUNDRED (NOT PRINTED)

SIZE	CASE PACK	RECYCLED			
		NATURAL KRAFT	WHITE KRAFT	GLOSSY COLORS	SHADOW STRIPE
8 x 5 x 10	250	\$34.95	\$40.30	\$59.85	\$54.85
10 x 5 x 13	250	37.90	44.15	N/A	N/A
13 x 6 x 16	250	41.10	48.75	N/A	N/A
16 x 6 x 12	250	42.05	51.20	79.90	69.35
16 x 6 x 18¾	200	46.35	59.95	87.75	78.95
18 x 7 x 18¾	200	52.75	65.35	N/A	N/A

Hot Stamping Upcharge: 1 Side \$190.00 per lot or per thousand

2 Sides \$380.00 per lot or per thousand

For quantities of 2,500 or more please inquire for pricing

NATURAL KRAFT RECYCLED BAGS & BOXES



100% Recycled Natural Kraft Merchandise Bags, Gift Boxes and Shopping Bags

MERCHANDISE BAGS

SIZE	PRICE PER THOUSAND <u>NOT PRINTED</u>
8½ x 11	\$ 49.85
12 x 15.....	79.95
12 x 3 x 18	118.60
14 x 3 x 21	156.10
16 x 4 x 24	212.80

Imprinting: 1,000 bags \$90.00 per 1,000
 2,000-3,000 bags \$80.00 per 1,000
 3,000-5,000 bags \$78.00 per 1,000

GIFT BOXES

SIZE	PRICE PER 100 BOXES <u>NOT PRINTED</u>
11 x 8½ x 1½	\$39.70
15 x 9½ x 2	47.85
17 x 11 x 2½	77.90
19 x 12 x 3	96.85
24 x 14 x 4	157.40

PLEASE ADD FOR PRINTING:
 HOT STAMPING – \$190.00 per lot or per thousand up to 999 boxes
 For over 1,000 Boxes: \$170.00 per thousand

SHOPPING BAGS

SIZE	CASE PACK	PRICE PER 100 BAGS <u>NOT PRINTED</u>
8 x 5 x 10.....	250	\$34.95
10 x 5 x 13.....	250	37.90
13 x 6 x 16.....	250	41.10
16 x 6 x 12.....	250	42.05
16 x 6 x 18¼.....	200	46.35
18 x 7 x 18¼.....	200	52.75

PLEASE ADD FOR PRINTING:
 HOT STAMPING UPCHARGE –
 1 Side – \$190.00 per lot or per thousand.
 2 Sides – \$380.00 per lot or per thousand.

* Poly Cloth Totes *



Many more styles, sizes and colors available! Call Stuart at 215-646-1476

Poly Cloth Totes

Less than a canvas tote – stronger than a shopping bag!

Includes printing on one side

Price per 100

SIZE	300	500	1000*	PACK
8x5x10 Strap Handle	\$120	\$117	\$114	100
Rope Handle	126	120	117	100
16x6x12 Strap Handle	\$141	\$138	\$135	100
Shoulder Strap	153	150	147	100
20x6x16 Strap Handle	\$153	\$150	\$147	100
Shoulder Strap	165	162	159	100
15x18x6 Shoulder Tote	\$153	\$150	\$147	100

Colors: White, Red, Yellow, Royal Blue, Black, Dark Green, Light Green, Beige, Teal

Two side printing add \$45.

*Lower cost on 1000 and up. Imported, allow 8 weeks for delivery.

FINISHING TOUCHES

ZIPPER GARMENT BAGS

COLORS AVAILABLE: Beige - Red - Brown - Black - Gold - Burgundy - Royal Blue - Silver - Yellow - Gray - White
 Contracts are available when purchasing 1,000 or more zipper garment bags – All bags are self trimmed
 One time screen charge: \$75.00 – Shipping Time: 3 weeks from approval of proof, via UPS

PRICE PER HUNDRED SIZE - 40 INCH		PRICE PER HUNDRED SIZE - 54 INCH	
3 Mil		3 Mil	
QUANTITY	Taffeta	QUANTITY	Taffeta
100	\$254.00	100	\$315.00
300	235.00	300	301.00
500	223.00	500	287.00
1000	212.00	1000	269.00

TISSUE

WHITE:

Plain White, size 20 x 30, 480 sheets per ream – PRICE: \$19.50 per ream – Minimum 2 ream pack

COLORED:

Size 20 x 30, 480 sheets per ream. PRICE \$38.75 per ream

Colors Available: Christmas Red - Holiday Green - Navy Blue - Yellow - Chocolate Brown
Over 40 more Colors Available, please call.

PRINTED TISSUE

A very sophisticated look of imprinting your logo in any ink color on White Tissue.

STANDARD SIZE: 20 x 30 inches

PRODUCTION TIME: 8 to 10 weeks after approval of artwork

PLATE COSTS: Approximately \$250.00 to \$350.00 (*a one time charge*)

PRICING: 12 reams. \$73.00 per ream
 24 reams. \$63.25 per ream
 30 reams. \$57.40 per ream

For higher quantities, please contact Stuart Steinberg for a custom quote.

FREIGHT: FOB Mill. Freight Collect

ELASTIC GIFT TIES

DESCRIPTION: 27 inch pre-tied bow – COLORS AVAILABLE: Gold - Silver
 PRICE: \$85.00 PER THOUSAND - packed 1,000 per box

STARBOWS

COLORS AVAILABLE: White - Silver - Antique Gold - Yellow - Harvest Orange - Azalea
 Mint Beauty - Avocado - Emerald - Royal Blue - Light Blue - Turquoise
 Lavender - Pink - Dubonnet Rose - Red - Chocolate

SB3	PRICE	SB4	PRICE	SB5	PRICE
2¾" Diam.	\$10.40/C	3½" Diam.	\$13.70/C	4½" Diam.	\$23.10
200 per ctn.		200 per ctn.		100 per ctn.	

*We stock a complete line of Gift Wrap, Ribbon, Wrapphia, Curling Ribbon and Pull Bows.
 Please call for information on sizes and colors.*

Plastic Bags and the Environment Fact Sheet

Following are some terms, facts and definitions you may find helpful as well as Commonwealth Packaging Company's position on the Green movement in packaging.

Sustainability- This word means many things to different people. Technically, it's a scientific term used in reference to an ecosystem. Sustainability refers to sustaining the balance of the earth's resources. On a practical level it means realizing that if we drive cars, which damages the air, we need to plant trees to sustain the balance of fresh air. People now use the word sustainability to mean any process that reduces waste, causes less pollution, etc.

Corporate sustainability encompasses strategies and practices that aim to meet the needs of stakeholders today while seeking to protect and enhance the human and natural resources that will be needed in the future.

Degradable Plastic is plastic which will undergo a significant change in its chemical structure under specific environmental conditions. For this definition there is no requirement that the plastic has to degrade from the action of "naturally occurring microorganism" or any of the other criteria required for compostable plastics. Photodegradables fall into this category

Biodegradable Plastic is plastic which will degrade from the action of naturally occurring microorganisms, such as bacteria, fungi, etc. over a period of time. Note that there is no requirement for leaving "*no toxic residue*", as well as no requirement for the time it needs to biodegrade.

Oxobiodegradable Additives- The current state-of-the-art substance added to resin that will make a plastic bag biodegradable. It helps accelerate the breakdown of the chemical structure of the plastic. The resultant breakdown products can then be converted by microorganisms into carbon dioxide and water.

The most popular Oxobio additive is made by EPI (a Canadian company) but there are others. We also use d2W, the established European additive. Oxobio films do NOT meet compostability standards but are very effective in accelerating the degradation process under the right conditions. There are some "shelf-life" issues with this additive as the degradation process begins when the film is first manufactured. It is not recommended to buy more than a 1 year supply.

Compostable Plastic is plastic which meets the following three criteria. The plastic must:

Biodegrade - break down into carbon dioxide, water and biomass at the same rate as cellulose (paper).

Disintegrate - the material is indistinguishable in the compost, that it is not visible and needs to be screened out

Eco-toxicity - the biodegradation does not produce any toxic material and the compost can support plant growth. Note: Compostable bags are NOT RECYCLABLE.

A plastic therefore may be degradable but not biodegradable or it may be biodegradable but not compostable (that is, it breaks down too slowly to be called compostable or leaves toxic residue).

Bioplastics (PLA or Poly Lactic Acid)- a new generation of biodegradable & compostable plastics, derived from renewable raw materials such as starch (e.g. corn, potato) that decompose back to carbon dioxide, water and biomass in the environment when discarded. Cornstarch is currently the main raw material being used in the manufacture of bioplastic resins. However, other resins are coming into the market made from soybean protein, cellulose etc. The field of bioplastics is constantly evolving with new materials and technologies being worked on and being brought to market.

Bioplastics are seeing limited use in retail packaging and are not being widely marketed mainly due to limited availability and high pricing.



It's Easy Being Green
COMMONWEALTH PACKAGING CO.
Harrisburg, PA 800-999-5470



**COMMONWEALTH
PACKAGING COMPANY**

5490 Linglestown Road, Harrisburg, Pennsylvania 17112

717-657-3113

USA WATS 1-800-999-5470

USA FAX 717-657-5755

www.commonwealthpackaging.com

STUART STEINBERG

Sales Representative

PHONE (215) 646-1476 • FAX (215) 646-6487

E-MAIL ssteinberg@commonwealthpackaging.com