



# DURO<sup>®</sup>

FULL LINE PRODUCT CATALOG



## ■ Duro® brand profile

### ■ WE KNOW PAPER BAGS

**Duro is one of the leading manufacturers of paper bags and sacks in North America.**

As a well-known innovator, we are a trusted source for grocery, retail, pharmacy, foodservice and other industries.

Our line of products includes specialty bags for direct-food contact, bags with convenient handles, compostable bags and bags made with recycled content.

We are the preeminent manufacturer of paper bags because we offer creative solutions that you can depend on from start to finish—from innovating ideas, designing the final product and producing quality products. When it comes to paper bags, we've got you covered.



### ■ SUSTAINABILITY VISION

**The Novolex vision for sustainability** is to innovate more sustainable choices for our customers, operate responsibly and invest in our people and communities. We bring this vision to life every day through our ongoing focus on efficiency in our operations, as well as through partnerships with customers, suppliers, communities and others in the industry to develop solutions that reduce the impact our products can have on the environment.

For additional information, please visit [www.novolex.com/novolex-sustainability/](http://www.novolex.com/novolex-sustainability/)

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## Sustainability partnerships and certifications



The mark of responsible forestry

### Forest Stewardship Council®

The FSC® promotes environmentally appropriate, socially beneficial, and economically viable management of the world's forests. The unique role of the FSC is to bring together people, organizations and businesses to develop consensus-based solutions that promote responsible stewardship of the world's forests. Duro uses the FSC Trademark License FSC®-C010800 for certified chain of custody products made at all Duro plants.



### Sustainable Forestry Initiative

SFI Inc. promotes sustainable forest management in North America and supporting responsible procurement globally. SFI Inc. directs all elements of the SFI program including the SFI forest management, fiber sourcing, and chain-of-custody standards, labeling and marketing. SFI certified products provide assurance that the paper used in these products represent a sound environmental choice with raw materials from certified forest content or certified sourcing. Novolex products produced at Duro Bag, Bagcraft, Deluxe and Burrows Packaging are eligible for SFI Certified Sourcing or SFI Chain of Custody logo use. Novolex uses SFI Trademark License Code 01567.



### Biodegradable Products Institute

BPI is North America's leading certifier of compostable products and packaging. Their certification program ensures that products and packaging displaying the BPI logo have been independently tested and verified according to scientifically based standards—ASTM D6400 or D6868 standards—for Duro products. The BPI logo also helps industrial composters know that our products will break down as expected and contribute to healthy soil amendment.



### Compost Manufacturing Alliance™

CMA is a global leader in providing industrial composting facilities an acceptance standard for compostable products. They perform field disintegration testing through several prominent processing methods to ensure products sent to industrial compost facilities adequately break down within the production cycle. CMA connects supply chain leaders with top compost manufacturing facilities nationwide to ensure mutual success as co-creators of compost and compostables.



### American Society For Testing And Materials (ASTM)

This specification establishes the requirements for labeling of materials and products (including packaging), wherein a biodegradable plastic film or coating is attached (either through lamination or extrusion directly onto the paper) to compostable substrates and the entire product or package is designed to be composted in municipal and industrial aerobic composting facilities. In order to compost satisfactorily, the product must demonstrate each of the three characteristics as follows: (1) proper disintegration during composting; (2) adequate level of inherent biodegradation; and (3) no adverse impacts on the ability of composts to support plant growth.

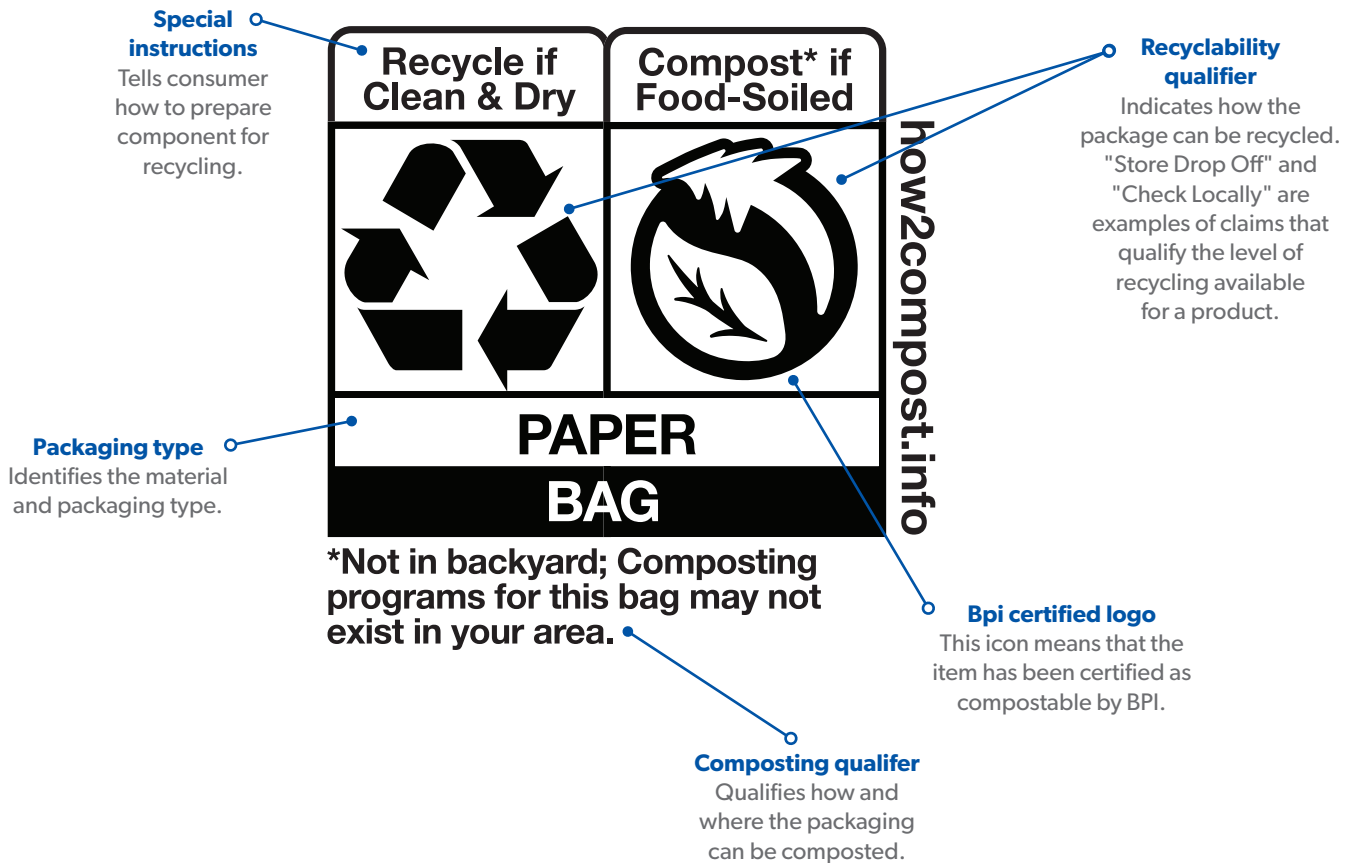
# How2Recycle® and consumer education

As part of our commitment to consumer education, Novolex uses the How2Recycle® and How2Compost™ labels on stock products and works with customers to encourage their use on branded items.



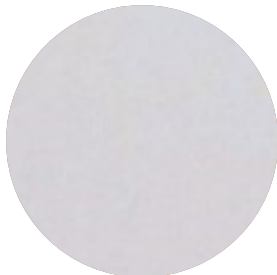
How2Recycle® is a standardized labeling system that clearly communicates recycling instructions to the public. When applicable, it includes instructions on how to properly clean a product before recycling.

How2Compost™ labels inform consumers if a product is compostable in commercial composting facilities. The label is available to use on packages that have gone through the Biodegradable Product Institutes (BPI) certification process. BPI certification is open to products that meets the requirements in ASTM D6400 or D6868 based on testing in a BPI-approved laboratory.



## ■ Paper types

Duro provides a range of paper types in our stock product line including Dubl Life®. Dubl Life products are made from a minimum of 60% post-consumer recycled paper. The Dubl Life brand drives awareness of the benefits of recycling and composting while promoting the use of packaging solutions with post-consumer material content.



Paper type	Performance features
100% recycled kraft	<ul style="list-style-type: none"> <li>• 100% recycled content</li> <li>• Minimum of 60% post-consumer</li> <li>• FSC® certified</li> <li>• BPI® certified</li> <li>• Ideal for printing solid and design graphics</li> </ul>
60/40 natural kraft	<ul style="list-style-type: none"> <li>• 60% virgin fiber</li> <li>• 40% recycled fiber</li> <li>• Durable</li> <li>• Natural look</li> </ul>
Virgin natural kraft	<ul style="list-style-type: none"> <li>• SFI certified</li> <li>• Durable</li> <li>• Natural look</li> </ul>
Wet strength	<ul style="list-style-type: none"> <li>• Durable and moisture resistant</li> <li>• Wet strength additive</li> <li>• Natural Look</li> </ul>
Virgin white	<ul style="list-style-type: none"> <li>• Smoother printing surface than kraft</li> <li>• Durable</li> <li>• Premium look</li> </ul>

## ■ Printing & graphic options

With our custom print options, you can design a bag to promote your brand, store or special promotion.

Graphics	Key features
Tail-print:	<ul style="list-style-type: none"><li>• In-line roll-to-bag printing</li><li>• Most economical way to get branded bags</li><li>• Line art/moderate detail</li><li>• Loose to moderate registration</li><li>• Up to 4 colors</li></ul>
Pre-print:	<ul style="list-style-type: none"><li>• Off-line roll-to-roll printing</li><li>• High registration</li><li>• Fine detail, screens, half tones</li><li>• Special coating/varnishes, including UV</li><li>• Up to 8 colors</li></ul>



Pre-print

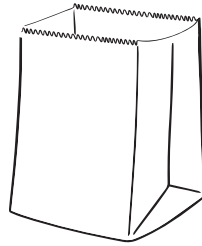


Tail-print

# ■ Choosing the right bag

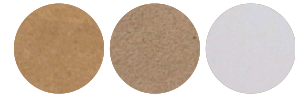
## SOS – Self Opening Sack

- Regular & heavy weight



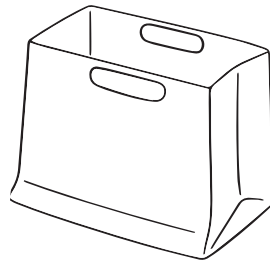
### FOODSERVICE

Dubl Life® / virgin natural kraft / virgin white



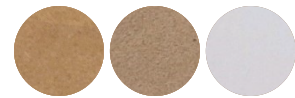
## Die cut

- ¾ and full handle cut out



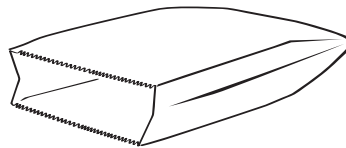
### FOODSERVICE

Dubl Life / virgin natural kraft / virgin white



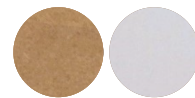
## Pinch bottom

- Merchandise & liquor



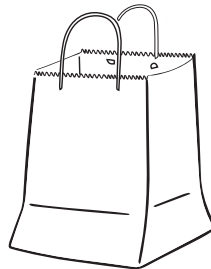
### FOODSERVICE/RETAIL

Dubl Life / virgin white



## Shopping bag

- Serrated & folded top



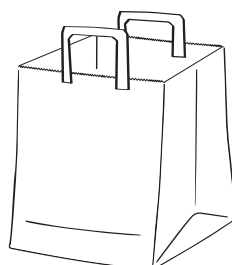
### FOODSERVICE/RETAIL

Dubl Life / virgin natural kraft / virgin white



## Sack

- Handle and non-handle



### GROCERY

Dubl Life / 60/40 natural kraft  
virgin natural kraft/ wet strength/ virgin white





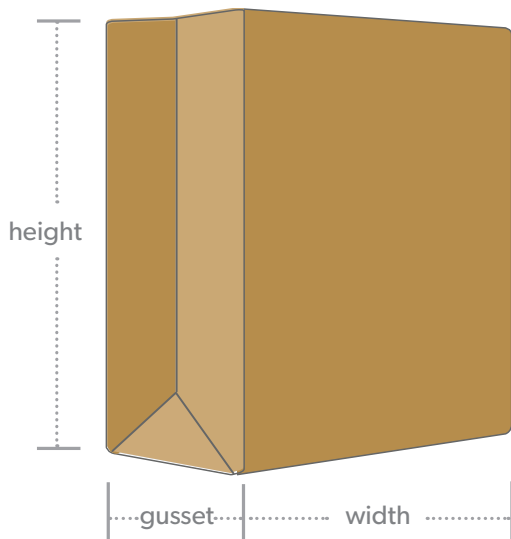
## ■ Choosing the right size

With a wide variety of stock and custom bag options, you are able to choose the best size for your business needs.

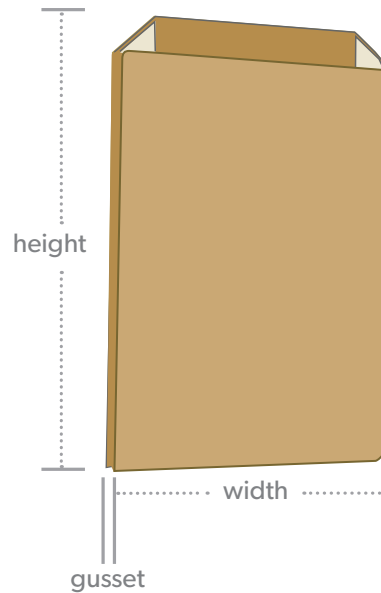


## ■ How to measure a bag

**Square-bottom bag**  
(width x gusset x height)



**Merchandise bag**  
(width x gusset x height)



# Dubl Life® SOS bags

## PERFORMANCE FEATURES

- Dubl Life® bags are made from a minimum of 60% post consumer recycled content
- Dubl Life bags are FSC® chain of custody certified
- Dubl Life are now BPI® certified compostable
- Self-opening style (SOS) bags are an ideal choice for retail, foodservice and grocery stores
- Available in plain or custom print



	Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft <sup>3</sup> )
♻️	18450	079594184502	½#	3.00 x 1.87 x 5.87	30#	4000	8/500	8 x 7	21.00	16.50 x 12.25 x 6.50	0.76
♻️	18401	079594184014	1#	3.50 x 2.37 x 6.87	30#	4000	8/500	6 x 6	29.05	18.50 x 13.25 x 7.25	1.03
♻️	18402	079594184021	2#	4.31 x 2.43 x 7.87	30#	500	1/500	20 x 10	4.71	8.25 x 10.50 x 4.00	0.20
♻️	18403	079594184038	3#	4.75 x 2.93 x 8.56	30#	500	1/500	20 x 9	5.85	9.00 x 10.25 x 4.75	0.25
♻️	18404	079594184045	4#	5.00 x 3.12 x 9.75	30#	500	1/500	16 x 8	7.25	10.00 x 10.25 x 5.25	0.31
♻️	18405	079594184052	5#	5.25 x 3.43 x 10.93	35#	500	1/500	12 x 8	9.14	11.00 x 11.00 x 5.50	0.39
♻️	18406	079594184069	6#	6.00 x 3.62 x 11.06	35#	500	1/500	12 x 7	10.32	11.50 x 11.50 x 6.00	0.46
♻️	18408	079594184083	8#	6.12 x 4.12 x 12.43	35#	500	1/500	12 x 7	11.96	13.00 x 10.50 x 6.25	0.49
♻️	18410	079594184106	10#	6.31 x 4.18 x 13.37	35#	500	1/500	12 x 6	13.25	13.50 x 11.50 x 6.75	0.61
♻️	18412	079594184120	12#	7.06 x 4.50 x 13.75	40#	500	1/500	10 x 6	17.28	14.00 x 14.00 x 7.25	0.82
♻️	18416	079594184168	16#	7.75 x 4.81 x 16.00	40#	500	1/500	9 x 5	21.24	16.25 x 13.25 x 8.00	1.00
♻️	18420	079594184205	20#	8.25 x 5.31 x 16.12	40#	500	1/500	9 x 5	23.65	16.50 x 13.00 x 8.50	1.06
♻️	18421	079594184212	20# SH	8.25 x 5.93 x 13.62	40#	500	1/500	9 x 5	22.79	14.50 x 13.75 x 8.50	0.98
♻️	18424	079594184243	25#	8.25 x 5.25 x 18.00	40#	500	1/500	8 x 5	25.83	18.50 x 11.50 x 8.50	1.05
♻️	18428	079594184281	25# SH	8.25 x 6.12 x 15.87	40#	500	1/500	9 x 5	24.70	15.50 x 12.50 x 8.50	0.95

♻️ = BPI certified compostable

# Virgin white SOS bags

## PERFORMANCE FEATURES

- Sturdy and large capacity bags
- Available in plain or custom print



Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft <sup>3</sup> )
51001	079594510011	1#	3.50 x 2.37 x 6.87	30#	4000	8/500	6 x 6	29.81	18.50 x 13.00 x 7.25	1.01
51002	079594510028	2#	4.31 x 2.43 x 7.87	30#	500	1/500	20 x 10	4.86	8.25 x 8.00 x 4.00	0.15
51003	079594510035	3#	4.75 x 2.93 x 8.56	30#	500	1/500	20 x 9	6.04	9.00 x 10.25 x 4.75	0.25
51004	079594510042	4#	5.00 x 3.12 x 9.75	30#	500	1/500	16 x 8	7.48	10.00 x 9.50 x 5.25	0.29
51045	079594510455	5#	5.25 x 3.43 x 10.93	35#	500	1/500	12 x 8	9.69	11.00 x 10.75 x 5.50	0.38
51046	079594510462	6#	6.00 x 3.62 x 11.06	35#	500	1/500	12 x 7	10.93	11.50 x 11.00 x 6.00	0.44
51028	079594510288	8#	6.12 x 4.12 x 12.43	35#	500	1/500	12 x 7	12.67	13.00 x 10.25 x 6.25	0.48
51030	079594510301	10#	6.31 x 4.18 x 13.37	35#	500	1/500	12 x 6	14.04	13.50 x 10.50 x 6.75	0.55
51032	079594510325	12#	7.06 x 4.50 x 13.75	40#	500	1/500	10 x 6	18.16	14.00 x 11.00 x 7.25	0.65
51036	079594510363	16#	7.75 x 4.81 x 16.00	40#	500	1/500	9 x 5	22.32	16.25 x 11.50 x 8.00	0.87
51040	079594510400	20#	8.25 x 5.31 x 16.12	40#	500	1/500	9 x 5	24.86	16.50 x 10.50 x 8.50	0.85
51041	079594510417	20# SH	8.25 x 5.93 x 13.62	40#	500	1/500	9 x 5	23.96	14.50 x 12.50 x 8.50	0.89
51025	079594510257	25#	8.25 x 5.25 x 18.00	40#	500	1/500	8 x 5	27.16	18.50 x 10.25 x 8.50	0.93
51026	079594510264	25# SH	8.25 x 6.12 x 15.87	40#	500	1/500	9 x 5	25.97	15.50 x 11.50 x 8.50	0.88

# Dubl Life® Husky SOS bags

## PERFORMANCE FEATURES

- Dubl Life® bags are made from a minimum of 60% post consumer recycled content
- Dubl Life bags are FSC® chain of custody certified
- Dubl Life are now BPI® certified compostable
- Heavy-duty self-opening style (SOS) bags for the most demanding applications
- Available in plain or custom print



	Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft³)
♻️	70202	079594702027	2#	4.31 x 2.43 x 7.87	50#	400	1/400	20 x 10	6.19	11.25 x 8.00 x 4.00	0.21
♻️	70203	079594702034	3#	4.75 x 2.93 x 8.56	50#	400	1/400	16 x 9	7.85	12.50 x 9.00 x 4.75	0.31
♻️	70204	079594702041	4#	5.00 x 3.12 x 9.75	50#	400	1/400	14 x 8	9.57	12.75 x 10.00 x 5.00	0.37
♻️	70205	079594702058	5#	5.25 x 3.43 x 10.93	50#	400	1/400	11 x 8	10.83	13.50 x 11.00 x 5.50	0.47
♻️	70206	079594702065	6#	6.00 x 3.62 x 11.06	50#	400	1/400	10 x 7	12.42	15.00 x 11.25 x 6.25	0.61
♻️	70208	079594702089	8#	6.12 x 4.12 x 12.43	50#	400	1/400	9 x 7	14.40	14.50 x 13.00 x 6.25	0.68
♻️	70210	079594702102	10#	6.31 x 4.18 x 13.37	50#	400	1/400	9 x 6	15.96	14.50 x 13.75 x 6.25	0.75
♻️	70212	079594702126	12#	7.06 x 4.50 x 13.75	50#	400	1/400	9 x 6	18.12	14.50 x 14.00 x 7.25	0.85
♻️	70216	079594702164	16#	7.75 x 4.81 x 16.00	50#	400	1/400	9 x 5	22.27	16.25 x 13.50 x 8.00	1.02
♻️	70220	079594702201	20#	8.25 x 5.31 x 16.12	50#	400	1/400	9 x 5	24.81	16.25 x 13.50 x 8.50	1.08
♻️	70221	079594702218	20# SH	8.25 x 5.93 x 13.62	50#	400	1/400	9 x 5	23.90	14.00 x 13.50 x 8.50	0.93
♻️	70223	079594702232	25#	8.25 x 5.25 x 18.00	50#	400	1/400	8 x 5	27.10	18.50 x 13.50 x 8.50	1.23
♻️	70224	079594702249	25# SH	8.25.25 x 6.12 x 15.87	50#	400	1/400	9 x 5	25.91	15.50 x 13.50 x 8.50	1.03

♻️ = BPI certified compostable

# Bulwark SOS bags

## PERFORMANCE FEATURES

- Perfect for takeout and grocery applications
- Resists humidity
- Available in plain or custom print
- Available in virgin natural kraft paper
- Heavy-duty virgin natural kraft paper



Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft <sup>3</sup> )
71002	079594710022	2#	4.31 x 2.43 x 7.87	52#	400	1/400	20 x 10	6.19	11.25 x 8.00 x 4.00	0.21
71003	079594710039	3#	4.75 x 2.93 x 8.56	52#	400	1/400	16 x 9	7.71	12.50 x 9.00 x 4.75	0.31
71004	079594710046	4#	5.00 x 3.12 x 9.75	52#	400	1/400	14 x 8	9.57	12.75 x 10.00 x 5.00	0.37
71005	079594710053	5#	5.25 x 3.43 x 10.93	52#	400	1/400	11 x 8	11.00	13.50 x 11.00 x 5.50	0.47
71006	079594710060	6#	6.00 x 3.62 x 11.06	52#	400	1/400	10 x 7	12.42	15.00 x 11.25 x 6.25	0.61
71008	079594710084	8#	6.12 x 4.12 x 12.43	57#	400	1/400	9 x 7	15.82	15.00 x 13.00 x 6.25	0.71
71010	079594710107	10#	6.31 x 4.18 x 13.37	57#	400	1/400	9 x 6	17.53	15.25 x 13.50 x 6.50	0.77
71012	079594710121	12#	7.06 x 4.50 x 13.75	57#	400	1/400	9 x 6	19.91	16.00 x 14.00 x 7.25	0.94
71016	079594710169	16#	7.75 x 4.81 x 16.00	57#	400	1/400	6 x 5	24.48	16.50 x 16.00 x 8.00	1.22
71020	079594710206	20#	8.25 x 5.31 x 16.12	57#	400	1/400	6 x 5	27.27	16.25 x 16.00 x 8.50	1.28
71021	079594710213	20# SH	8.25 x 5.93 x 13.62	57#	400	1/400	9 x 5	26.25	16.00 x 14.00 x 8.50	1.10
71025	079594710251	25#	8.25 x 5.25 x 18.00	57#	400	1/400	6 x 5	29.79	18.50 x 16.00 x 8.50	1.46
71026	079594710268	25# SH	8.25 x 6.12 x 15.87	57#	400	1/400	6 x 5	28.48	16.00 x 15.50 x 8.50	1.22

# Dubl Life® 1/6, 1/7 & 1/8 sacks

## PERFORMANCE FEATURES

- Dubl Life® bags are made from a minimum of 60% post consumer recycled content
- Dubl Life bags are FSC chain of custody certified
- Dubl Life are now BPI® certified compostable
- Printing capabilities:
  - 1/6 BBL—up to 4 colors on 4 sides
  - 1/7 BBL—up to 3 colors on 2 sides
  - 1/8 BBL—up to 3 colors on 4 sides



	Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft³)
♻️	18061	079594180610	1/6 BBL	12.00 x 7.00 x 17.00	57#	500	1/500	6 + 8 + 6	52.22	18.00 x 18.00 x 12.00	2.25
♻️	13607	079594136075	1/6 BBL	12.00 x 7.00 x 17.00	70#	300	1/300	10 x 2	38.42	17.50 x 15.50 x 12.00	1.88
♻️	18069	079594180696	1/7 BBL	12.00 x 7.00 x 14.00	66#	500	1/500	6 x 3	50.90	14.50 x 18.00 x 12.00	1.81
♻️	13608	079594136082	1/8 BBL	9.75 x 6.25 x 16.37	70#	400	1/400	10 x 2	42.26	20.00 x 16.50 x 9.80	1.86
♻️	13609	079594136099	1/8 BBL	10.12 x 6.75 x 14.37	70#	400	1/400	10 x 2	40.53	19.00 x 10.50 x 15.00	1.73
♻️	18073	079594180733	1/8 BBL	10.12 x 6.75 x 14.37	52#	500	1/500	10 x 3	36.46	16.00 x 18.00 x 11.00	1.83
♻️	18074	079594180740	1/8 BBL	9.75 x 6.25 x 16.37	52#	500	1/500	10 + 10 + 6	37.93	16.50 x 17.50 x 10.50	1.75
♻️	45003	079594450034	1/6 EZ-K UP (Sustainable Future)	12.00 x 7.00 x 17.00	70#	300	1/300	9 x 2	44.13	19.00 x 19.00 x 12.00	2.51
♻️	13606	079594136068	1/6 EZ-K UP	12.00 x 7.00 x 17.00	70#	300	1/300	9 x 2	44.08	19.00 x 19.00 x 12.00	2.51
♻️	18072	079594180726	1/7 EZ-K DN	12.00 x 7.00 x 14.00	70#	300	1/300	8 x 3	38.91	15.00 x 20.00 x 12.00	2.08
♻️	71073	079594710732	1/7 EZ-K UP	12.00 x 7.00 x 14.00	70#	300	1/300	9 x 2	38.51	15.00 x 20.00 x 12.00	2.08

♻️ = BPI certified compostable

# 1/6, 1/7 & 1/8 sacks

## PERFORMANCE FEATURES

- Virgin bags are SFI certified
- Available in both virgin natural kraft and virgin white paper
- Handle and non-handle options available
- Printing capabilities:
  - 1/6 BBL—up to 4 colors on 4 sides
  - 1/7 BBL—up to 3 colors on 2 sides
  - 1/8 BBL—up to 3 colors on 4 sides



## VIRGIN NATURAL KRAFT

Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft <sup>3</sup> )
80076	079594800761	1/6 BBL	12.00 x 7.00 x 17.00	57#	500	1/500	6 + 8 + 6	51.81	18.00 x 18.00 x 12.00	2.27
80077	079594800778	1/6 BBL	12.00 x 7.00 x 17.00	60#	500	1/500	6 + 8 + 6	53.23	17.50 x 20.00 x 12.00	2.53
80078	079594800785	1/6 BBL	12.00 x 7.00 x 17.00	66#	500	1/500	6 + 8 + 6	59.27	18.00 x 21.00 x 12.50	2.65
80079	079594800792	1/6 BBL	12.00 x 7.00 x 17.00	70#	500	1/500	6 + 8 + 6	62.98	17.50 x 20.50 x 12.00	2.59
81233	079594812337	1/6 BBL	12.00 x 7.00 x 17.00	57#	400	1/400	6 + 8 + 6	41.44	18.00 x 16.00 x 12.00	2.65
81008	079594810081	1/6 BBL	12.00 x 7.00 x 17.00	66#	400	1/400	6 + 8 + 6	47.41	17.50 x 19.00 x 12.00	2.59
81068	079594810685	1/6 BBL	12.00 x 7.00 x 17.00	70#	400	1/400	6 + 8 + 6	50.39	18.00 x 20.00 x 12.00	2.53
80080	079594800808	1/6 BBL	12.00 x 7.00 x 17.00	76#	400	1/400	6 + 8 + 6	54.12	17.50 x 19.50 x 12.00	2.26
80081	079594800815	1/6 BBL	12.00 x 7.00 x 17.00	80#	400	1/400	6 + 8 + 6	58.60	18.00 x 20.00 x 12.00	2.53
80091	079594800914	1/6 BBL	12.00 x 7.00 x 17.00	40#	400	1/400	6 + 4 + 6	57.49	18.00 x 23.00 x 12.25	2.81
84439	079594844390	1/7 BBL	12.00 x 7.00 x 14.00	52#	500	1/500	6 x 3	40.20	14.50 x 16.00 x 12.00	1.81
81267	079594812672	1/7 BBL	12.00 x 7.00 x 14.00	57#	500	1/500	6 x 3	44.15	14.50 x 18.00 x 12.00	1.81
81265	079594812658	1/7 BBL	12.00 x 7.00 x 14.00	66#	500	1/500	6 x 3	50.83	14.50 x 19.50 x 12.00	1.76
81186	079594811866	1/8 BBL	9.75 x 6.25 x 16.37	52#	500	1/500	10 + 10 + 6	37.86	16.50 x 17.50 x 10.50	1.75
80082	079594800822	1/8 BBL	10.12 x 6.75 x 14.37	52#	500	1/500	10 x 3	36.40	16.00 x 18.00 x 11.00	1.83
81187	079594811873	1/8 BBL	9.75 x 6.25 x 16.37	57#	500	1/500	10 + 10 + 6	41.59	16.50 x 20.00 x 10.50	2.01
80083	079594800839	1/8 BBL	10.12 x 6.75 x 14.37	57#	500	1/500	10 x 3	39.97	16.00 x 17.00 x 11.00	1.73
41265	079594412650	1/6 EZ-K UP (Thank You)	13.00 x 7.00 x 17.00	70#	300	1/300	9 x 2	44.12	19.00 x 19.00 x 12.00	2.51
88885	079594888851	1/6 EZ-K UP	12.00 x 7.00 x 17.00	70#	300	1/300	9 x 2	42.21	19.00 x 19.00 x 12.00	2.50
88191	079594881913	1/7 EZ-K DN	12.00 x 7.00 x 14.00	70#	300	1/300	8 x 3	37.32	15.00 x 20.00 x 12.00	1.70

## VIRGIN WHITE

Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft <sup>3</sup> )
80088	079594800884	1/6 BBL	12.00 x 7.00 x 17.00	60#	500	1/500	6 + 8 + 6	56.47	17.50 x 20.00 x 12.00	2.53

# 1/4 BBL & satchel bottom sacks

## PERFORMANCE FEATURES

- Recyclable
- Virgin natural kraft bags are SFI certified
- Available in virgin natural kraft paper
- Printing capabilities: Up to 2 colors on 4 sides



Item #	UPC	Description	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Bales/ Pallet	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft <sup>3</sup> )
80070	079594800709	1/4 BBL SOS	12.00 x 7.00 x 21.75	60#	250	1/250	18	6 x 3	38.40	23.80 x 13.30 x 12.60	2.31
80071	079594800716	1/4 BBL SOS	12.00 x 7.00 x 21.75	66#	250	1/250	18	6 x 3	42.32	23.80 x 13.30 x 12.60	2.31
84045	079594840453	1/4 BBL SOS	12.00 x 7.00 x 21.75	66#	250	1/250	18	6 x 3	40.47	23.80 x 13.30 x 12.60	2.31
71410	079594714105	1/4 satchel bottom	17.00 x 6.00 x 28.50	60#	250	1/250	15	3 x 5	42.43	23.80 x 13.30 x 12.60	2.31



# Die cut handle bags

## PERFORMANCE FEATURES

- Dubl Life® bags are made from a minimum of 60% post consumer recycled content\*
- Dubl Life bags are FSC® chain of custody certified\*
- Large rectangular flat bottom creates stable carrier for takeout and deliver packaging
- Convenient die cut handles create easy-carrying feature
- ¾ die cut handle creates a built-in locking system that allows the bag to be easily picked up and carried
- Available in Dubl Life, virgin natural kraft and virgin white paper options\*



**Built-in locking system**



Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft <sup>3</sup> )
18077	179594180778	Dubl Life ¾ die cut handle	11.00 x 6.00 x 11.00	40#	500	1/500	9 x 4	24.80	17.50 x 11.50 x 10.50	1.22
83862	079594838627	¾ die cut handle virgin white	11.00 x 6.00 x 11.00	40#	500	1/500	9 x 4	27.06	17.50 x 11.50 x 10.50	1.22
84245	079594842457	¾ die cut handle natural kraft	11.00 x 6.00 x 11.00	40#	500	1/500	9 x 4	26.55	17.50 x 11.50 x 10.50	1.22

\*NOTE: plastic patch on die cut handle must be removed before recycling/composting

# Liquor bags

## PERFORMANCE FEATURES

- Dubl Life® bags are made from a minimum of 60% post consumer recycled content
- Dubl Life bags are FSC® chain of custody certified
- Dubl Life are now BPI® certified compostable
- Pinch bottom liquor bags accommodate all of your libation needs in four convenient sizes
- Available in Dubl Life and virgin natural kraft paper



## DUBL LIFE®

Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft³)
19208	179594192085	Dubl Life® pint	3.75 x 2.25 x 11.50	35#	500	1/500	15 x 10	6.70	13.50 x 8.50 x 4.25	0.28
19209	179594192092	Dubl Life quart	4.25 x 2.50 x 16.00	35#	500	1/500	10 x 8	11.58	17.00 x 8.50 x 4.50	0.38
13605	179594136058	Dubl Life liter	5.00 x 3.00 x 16.00	40#	500	1/500	10 x 8	12.84	17.75 x 14.00 x 5.25	0.75

## VIRGIN NATURAL KRAFT

Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft³)
40028	079594400282	½ pint	4.00 x 1.25 x 10.00	35#	2000	4/500	7 x 4	21.48	12.00 x 17.00 x 8.75	1.03
40032	079594400329	Pint	3.75 x 2.25 x 11.50	35#	500	1/500	15 x 10	7.09	13.50 x 8.50 x 4.25	0.28
40030	079594400305	Pint	3.75 x 2.25 x 11.50	35#	2000	4/500	9 x 5	28.34	13.50 x 17.00 x 8.50	1.13
40036	079594400367	Quart	4.25 x 2.50 x 16.00	35#	500	1/500	10 x 8	10.44	17.00 x 8.50 x 4.50	0.38
40034	079594400343	Quart	4.25 x 2.50 x 16.00	35#	1000	2/500	10 x 4	20.89	17.00 x 8.50 x 9.00	0.75
40038	079594400381	Liter	5.00 x 3.00 x 16.00	40#	500	1/500	10 x 8	12.97	18.00 x 10.00 x 5.00	0.52

 = BPI certified compostable

# Merchandise bags

## PERFORMANCE FEATURES

- Dubl Life® bags are made from a minimum of 60% post consumer recycled content
- Dubl Life bags are FSC® chain of custody certified
- Dubl Life are now BPI® certified compostable
- Wide variety of weights and sizes to fit all your packaging needs
- Available in Dubl Life and virgin white



## DUBL LIFE®

Item#	UPC	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft³)
14975	079594149754	5.00 x 7.50	30#	1000	4000	8 x 4	26.72	22.32 x 11.32 x 11.14	1.63
14926	079594149266	6.25 x 9.25	30#	1000	3000	12 x 2	30.14	12.32 x 11.32 x 20.64	1.67
14970	079594149709	7.50 x 10.50	30#	1000	2000	5 x 5	26.29	22.32 x 15.32 x 8.64	1.71
14852	079594148528	8.50 x 11.00	30#	1000	2000	7 x 4	31.49	20.32 x 13.32 x 9.64	1.51
14898	079594148986	10.00 x 13.00	30#	1000	1000	10 x 4	21.68	15.82 x 11.32 x 11.64	1.21
14871	079594148719	12.00 x 15.00	30#	1000	1000	10 x 3	29.26	18.32 x 9.32 x 13.64	1.35
14913	079594149136	13.00 x 15.00	30#	500	1000	10 x 3	31.56	18.32 x 9.32 x 14.64	1.45
14956	079594149563	10.00 x 2.00 x 15.00	30#	500	1000	12 x 2	29.53	17.32 x 9.07 x 21.14	1.92
14905	079594149051	15.00 x 18.00	30#	500	500	6 x 5	22.00	20.82 x 15.82 x 5.64	1.08
14934	079594149341	12.00 x 3.00 x 18.00	30#	500	500	6 x 5	21.87	21.32 x 13.32 x 8.64	1.42
14888	079594148887	14.00 x 3.00 x 21.00	30#	500	500	5 x 5	28.93	24.82 x 14.82 x 8.14	1.73
14879	079594148795	17.00 x 4.00 x 24.00	30#	500	500	4 x 5	40.61	27.32 x 19.32 x 8.64	2.64
14966	079594149662	22.50 x 7.50 x 30.00	40#	125	125	2 x 8	24.11	34.32 x 23.82 x 4.64	2.20

## VIRGIN WHITE

Item#	UPC	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Bale weight (lbs.)	Bale dimensions (in.) L x W x H	Bale cube (ft³)
14927	079594149273	6.25 x 9.25	30#	1000	3000	12 x 2	31.06	12.32 x 11.32 x 20.64	1.67
14853	079594148535	8.50 x 11.00	30#	1000	2000	7 x 4	32.43	20.32 x 13.32 x 9.64	1.51
14899	079594148993	10.00 x 13.00	30#	1000	1000	10 x 4	22.34	15.82 x 11.32 x 11.64	1.21
14872	079594148726	12.00 x 15.00	30#	1000	1000	10 x 3	30.16	18.32 x 9.32 x 13.39	1.32
14906	079594149068	15.00 x 18.00	30#	500	500	6 x 5	22.92	20.82 x 15.82 x 5.64	1.08
14957	079594149570	10.00 x 2.00 x 15.00	30#	500	1000	12 x 2	30.43	17.32 x 9.07 x 21.14	1.92
14935	079594149358	12.00 x 3.00 x 18.00	30#	500	500	6 x 5	22.79	21.32 x 13.32 x 8.64	1.42
14889	079594148894	14.00 x 3.00 x 21.00	30#	500	500	5 x 5	29.81	24.82 x 14.82 x 8.14	1.73
14881	079594148818	17.00 x 4.00 x 24.00	30#	500	500	4 x 5	41.84	27.32 x 19.32 x 8.64	2.64

 = BPI certified compostable

For additional information, please visit [www.novolex.com/duro-bag/](http://www.novolex.com/duro-bag/)

# Dubl Life® shopping bags

## PERFORMANCE FEATURES

- Dubl Life® bags are made from a minimum of 60% post consumer recycled content
- Dubl Life bags are FSC® chain of custody certified
- Assortment of bag footprints are perfect for a variety of foodservice containers and retail needs
- Features strong and comfortable paper twist handles ensuring safe transport



Item #	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Case weight (lbs.)	Case dimensions (in.) L x W x H	Bale cube (ft³)
87093	079594870931	Gem	5.25 x 3.25 x 8.37	60#	250	1/250	8 x 3	12.32	18.38 x 11.38 x 14.25	1.72
87097	079594870979	Tempo	8.00 x 4.50 x 10.25	60#	250	1/250	6 x 4	18.35	19.88 x 15.75 x 11.25	2.04
87124	079594871242	Missy	10.00 x 5.00 x 13.00	60#	250	1/250	6 x 4	23.26	21.63 x 16.88 x 11.88	2.51
87490	079594874908	Bistro	10.00 x 6.75 x 12.00	60#	250	1/250	6 x 4	25.11	21.63 x 16.88 x 11.88	2.51
87129	079594871297	Tote	16.00 x 6.00 x 12.00	65#	250	1/250	6 x 3	34.39	24.13 x 16.63 x 16.00	3.72
87523	079594875233	Jr. Mart	13.00 x 7.00 x 13.00	65#	250	1/250	6 x 3	30.37	20.76 x 14.63 x 16.00	2.81
87127	079594871273	Traveler	13.00 x 6.00 x 15.75	60#	250	1/250	6 x 3	34.06	21.63 x 16.63 x 15.88	3.30
87128	079594871280	Mart	13.00 x 7.00 x 17.00	65#	250	1/250	6 x 3	38.58	21.63 x 16.63 x 15.88	3.30
87415	079594874151	Regal	12.00 x 9.00 x 15.75	65#	200	1/200	7 x 3	30.50	20.51 x 12.76 x 16.06	2.43
87130	079594871303	Towner	16.00 x 6.00 x 19.25	65#	200	1/200	5 x 3	37.33	24.13 x 16.63 x 16.75	3.89
87145	079594871457	Super Royal	14.00 x 10.00 x 15.75	70#	200	1/200	6 x 3	40.71	21.63 x 16.63 x 15.88	3.30
87148	079594871488	Cargo	18.00 x 7.00 x 18.75	70#	200	1/200	4 x 3	45.25	23.88 x 19.13 x 16.00	4.23

Ti/Hi may vary by manufacturing location. Please check with your Customer Service Representative for more details.

# Virgin white & natural kraft shopping bags

## PERFORMANCE FEATURES

- Virgin white bags are SFI certified
- Bags range from the standard basis weight of 60-65# for the small and medium sizes to a heavy-duty 70-80# weight for our larger bags
- Sturdy yet comfortable paper-twist handle
- Available in virgin white and virgin natural kraft paper



## VIRGIN WHITE

Item #	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Case weight (lbs.)	Case dimensions (in.) L x W x H	Bale cube (ft <sup>3</sup> )
86841	079594868419	Gem	5.25 x 3.25 x 8.37	60#	250	1/250	8 x 3	14.19	18.38 x 11.38 x 14.25	1.72
84598	079594845984	Tempo	8.00 x 4.50 x 10.25	60#	250	1/250	6 x 4	17.89	19.88 x 15.76 x 11.25	2.04
84641	079594846417	Missy	10.00 x 5.00 x 13.00	60#	250	1/250	6 x 4	24.75	21.63 x 16.88 x 11.88	2.51
88206	079594882064	Bistro	10.00 x 6.75 x 12.00	60#	250	1/250	6 x 4	26.70	21.63 x 16.88 x 11.88	2.51
86785	079594867856	Tote	16.00 x 6.00 x 12.00	65#	250	1/250	6 x 3	35.92	21.63 x 16.63 x 15.88	3.30
87281	079594872812	Jr. Mart	13.00 x 7.00 x 13.00	65#	250	1/250	6 x 3	31.80	21.63 x 16.63 x 15.88	3.30
84640	079594846400	Traveler	13.00 x 6.00 x 15.75	60#	250	1/250	6 x 3	34.18	21.63 x 16.63 x 15.88	3.30
84642	079594846424	Mart	13.00 x 7.00 x 17.00	65#	250	1/250	6 x 3	40.19	21.63 x 16.63 x 15.88	3.30
87904	079594879040	Regal	12.00 x 9.00 x 15.75	65#	200	1/200	7 x 3	31.84	20.51 x 12.76 x 16.06	2.43
86797	079594867979	Towner	16.00 x 6.00 x 19.25	65#	200	1/200	5 x 3	38.79	24.13 x 16.63 x 16.75	3.89
85934	079594859349	Super Royal	14.00 x 10.00 x 15.75	70#	200	1/200	6 x 3	41.55	21.63 x 16.63 x 15.88	3.30
86787	079594867870	Cargo	18.00 x 7.00 x 18.75	70#	200	1/200	4 x 3	46.30	23.88 x 19.13 x 16.00	4.23
87942	079594879422	Grandé	16.00 x 11.00 x 18.25	70#	200	1/200	5 x 3	51.90	24.13 x 16.63 x 16.75	3.89

## VIRGIN NATURAL KRAFT

Item #	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Case weight (lbs.)	Case dimensions (in.) L x W x H	Bale cube (ft <sup>3</sup> )
87941	079594879415	Grande	16.00 x 11.00 x 18.25	70#	200	1/200	5 x 3	49.50	24.13 x 16.63 x 16.00	3.72

Ti/Hi may vary by manufacturing location. Please check with your Customer Service Representative for more details.

## Load & Fold® shopping bags

### PERFORMANCE FEATURES

- Single or double (custom) fold-over options
- Tamper-evident option using a branded label or other adhesive\*
- Wide opening for easy loading
- Flat bottom
- Sturdy paper twist handles for ease in carrying
- Available in popular shopping bag sizes



Add a  
branded label.\*

Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Case weight (lbs.)	Case dimensions (in.) L x W x H	Case cube (ft <sup>3</sup> )
68533	079594685337	Regal	12.00 x 9.00 x 15.75 + 2.00	65#	200	1/200	6 x 3	29.30	20.75 x 14.62 x 18.75	3.29
68534	079594685344	Bistro	10.00 x 6.75 x 12.00 + 2.00	60#	250	1/250	6 x 4	20.90	21.62 x 16.87 x 11.87	2.51

\*Note: Branded label or adhesive is not included with Load & Fold Shopping Bags.

## Load & Seal® shopping bags

### PERFORMANCE FEATURES

- Easy pull tab to reveal the adhesive strip
- Tamper-evident adhesive strip to securely seal the bag
- Sturdy paper twist handles for ease in carrying
- Available in popular shopping bag sizes



Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Case weight (lbs.)	Case dimensions (in.) L x W x H	Case cube (ft <sup>3</sup> )
76551	079594765510	Regal	12.00 x 9.00 x 15.75	65#	200	1/200	7 x 3	31.75	20.75 x 13.00 x 16.44	2.57
76552	079594765527	Bistro	10.00 x 6.75 x 12.00	60#	250	1/250	6 x 4	28.93	21.25 x 16.25 x 11.13	2.22

## Turn-top shopping bags

### PERFORMANCE FEATURES

- Manufactured in the USA
- Luxurious look and feel
- Ideal bag for retail applications
- Various sizes to fit your many needs
- Available in Dubl Life® and virgin white paper



### Dubl Life

Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Pack config.	Ti/Hi	Case weight (lbs.)	Case dimensions (in.) L x W x H	Case cube (ft <sup>3</sup> )
78275	079594782753	Tempo	8.00 x 4.50 x 10.25	80#	250	1/250	6 x 3	28.48	21.00 x 17.00 x 13.00	2.69
78272	079594782722	Lynx	13.00 x 5.00 x 10.00	80#	250	1/250	5 x 3	39.49	24.50 x 16.12 x 16.12	3.68
78273	079594782739	Atlas	20.00 x 6.00 x 16.00	80#	125	1/125	4 x 3	37.06	21.75 x 20.20 x 12.75	3.24

### Virgin white

78249	079594782494	Tempo	8.00 x 4.50 x 10.25	80#	250	1/250	6 x 3	28.48	19.88 x 15.75 x 11.25	2.04
78250	079594782500	Lynx	13.00 x 5.00 x 10.00	80#	250	1/250	5 x 3	39.29	24.50 x 16.12 x 16.12	3.68
78274	079594782746	Atlas	20.00 x 6.00 x 16.00	80#	125	1/125	4 x 3	38.31	21.75 x 20.20 x 12.75	3.24

# Lawn & leaf bags

## PERFORMANCE FEATURES

- ASTM compostable
- Made from virgin natural kraft 2-ply paper
- Inner and outer ply is wet strength treated
- Available in plain, stock or custom print
- Custom print: up to 4 colors and 1 – 4 sides



Retail Pack option for in-store display



Item#	UPC	Bag size	Bag dimensions (in.) L x W x H	Basis weight	Pack qty.	Bales/ Pallet	Bale weight (lbs.)	Ti/Hi	Bale dimensions (in.) L x W x H	Pallets per Truck	Bale cube (ft <sup>3</sup> )
13818	079594138185	Plain 50pk 50#/50# natural kraft/wet	16.00 x 12.00 x 35.00	50#/50#	2/25	36	26	9 x 4	16.50 x 12.50 x 13.00	40	1.6
21809	079594370912	Tri-Fold retail pack 50#/50# natural kraft/Wet	16.00 x 12.00 x 35.00	50#/50#	12/5	27	26	9 x 3	16.50 x 12.50 x 14.00	42	1.7
22453	079594370899	Tri-Fold carton pack 50#/50# natural kraft/wet	16.00 x 12.00 x 35.00	50#/50#	12/5	24	26	8 x 3	17.2 x 13.50 x 15.00	44	2.0

# DURO<sup>®</sup>

## WE KNOW PAPER BAGS



## SUSTAINABILITY VISION

The Novolex vision for sustainability is to innovate more sustainable choices for our customers, operate responsibly and invest in our people and communities. We bring this vision to life every day through our ongoing focus on efficiency in our operations, as well as through partnerships with customers, suppliers, communities and others in the industry to develop solutions that reduce the impact our products can have on the environment.

For additional information, please visit [www.novolex.com/novolex-sustainability/](http://www.novolex.com/novolex-sustainability/)