



King County Environmental Purchasing Program

Plastic Can-Liners, Recycled

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Introduction

Plastic bags with recycled content are commonly used for refuse collection and for lining refuse cans. High-density polyethylene (HDPE) bags are strong and lightweight. They were the first in the marketplace with high post-consumer recycled content. Low-density polyethylene (LDPE) bags are more puncture-resistant than HDPE bags but also consume more material, as they must be thicker than HDPE bags to achieve the same strength.

Usage History and Experience

In 1999, King County purchased nearly 4,000 cases of can-liners at a cost of over \$50,000. These were made with 30% high-density polyethylene (HDPE) and 25% low-density polyethylene (LDPE) recycled post-consumer plastic. These bags have been used with good results since 1991.

Bid and Contract Specifications - King County Supply Contract

King County agencies purchase refuse can-liners containing recycled plastic through term-contracts with local vendors. This section contains excerpts from the provisions of the Invitation-To-Bid that resulted in these contracts.

Recycled/Non-recycled reporting requirement

The supplier shall report the total dollar and unit volume of recycled and non-recycled can-liners supplied to each County department during each calendar quarter. This report shall be submitted to the Recycled Product Procurement Coordinator, in the Purchasing Agency, during the month following the end of the completed quarter.

Definitions

"Recycled Material" means material and by-products which have been recovered or diverted from solid waste for the purpose of recycling. It does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

"Post-Consumer Recycled Material" means material and by-products which have served their intended end-use by a consumer and have been recovered or diverted from solid waste. It does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

Samples:

Samples of product offered shall be submitted upon request of King County.

Approved equals:

The brand names listed indicate the standard of quality required.

Brands of equal quality, performance and use will be considered provided the bidder specifies the brand, model and other data for comparison with their bid. King County will be the sole judge for approving other brands offered as equals to the brand specified. Bidders shall indicate if they are offering alternate brands in the space below each item.

Technical Specifications:

LDPE -- low density polyethylene plastic

Manufacturer: Carlisle Plastics, Eco-choice brand or equal
 Content: 50% Recycled, 25% post-consumer

Size	Usage	Pack	Mils
24x33	10 Gal	1000	.50 mil
30x36	20-30 Gal	250	1.0 mil
33x41	32-33 Gal	100	1.5 mil
40x46	45 Gal	100	1.8 mil
36x58	55 Gal	100	1.8 mil
43x48	56 Gal	100	1.8 mil

HDPE -- high density polyethylene plastic

Manufacturer: Carlisle Plastics, Eco-choice brand or equal
 Content: 30% post-consumer

Size	Usage	Pack	Mils
24x24	10 Gal	1000	.39 mil
24x33	12-16 Gal	500	.55mil
30x37	20-30 Gal	500	.50 mil
33x40	33 Gal	250	.74 mil
43x48	40 Gal	150	.86 mil
40x48	44 Gal	200	.74 mil
38x60	55 Gal	150	.74 mil

For More Information

Further information may be available through the following main menu selections:

[King County Recycled Content Supply Contracts](#)

[Resources for Buyers](#)

[Standard Paragraphs for Contracts](#)

Vendor Information

Coast Wide Supply (206)624-1225 Seattle, WA distributor
 XPEDX (formerly Western) (206)251-5300 Kent, WA distributor



[E-mail](#)



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