

# STATE OF OHIO—PLASTIC TRASH CAN LINERS

\*\*\* This is a contract excerpt only. To view the entire contract please view the file listed after the heading, "Entire Contract:". To find this file, search the Bags aisle on the EPP Database <notes.erg.com> for the State of Ohio Trash Can Liners (plastic) Contract.

## EPP-SPECIFIC LANGUAGE

### SPECIFICATIONS

#### I. SCOPE

These specifications cover low/linear low density polyethylene trash can liners.

#### II. CLASSIFICATION

Category R (Recycled content)

Trash can liners shall be made of linear low density, or low density, or a blend of linear low density and low density polyethylene resins. **Constituent resins in recycled content low/linear low density polyethylene trash can liners shall be a minimum of 25% post-consumer resins.** Coextrusion with other polyethylene resins will be acceptable.

APPLICABLE DOCUMENTS: The latest revision of the following documents, whole or in part, shall be applied; whenever testing of trash can liners is required:

ASTM Test Methods D882 for Tensile Strength; ASTM Test Methods D1709 for Dart Impact; Test ASTM Test Methods D1922 for Elmendorf Tear; National Sanitation Foundation, "Standard Number 31 for Polyethylene Refuse Bags" Drop Test; G.S.A. A.A. 1668B Static Load Capacity Test for different capacity bags.

REQUIREMENTS: Trash can liners shall meet or exceed the following specifications:

Material of Construction:

Category R - These liners shall be constructed from linear low density, or low density, or a blend of linear low density and low density polyethylene. **Constituent resins in recycled content low/linear low density polyethylene trash can liners shall be a minimum of 25% post-consumer resins of the same types.** The melt index for these resins shall be between 0.8 and 2.5.

Thickness of Film: The suggested average thickness is given in the following tables. However, the down gauging shall not exceed the recommended gauging by the resin manufacturer for the different capacity bags. **Constituent resins in recycled content low/linear low density polyethylene trash can liners shall be a minimum of 25% post-consumer resins of the same types.** The melt index for these resins shall be between 0.8 and 2.5.

CAPACITY (Gallons)	LT. WEIGHT (1.0 mil equivalent)	MED. WEIGHT (1.5 mil equivalent)	HEAVY WEIGHT (2.0 mil equivalent)	X-HEAVY WEIGHT (3.0 mil equivalent)	XX-HEAVY WEIGHT (4.0 mil equivalent)
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4-10	0.5 mil				
12-16	0.6 mil				
20-30	0.7 mil	0.8 mil	0.9 mil	1.3 mil	
33		0.8 mil	0.9 mil	1.3 mil	
40-45		0.8 mil	1.0 mil	1.5 mil	
55		0.8 mil	1.0 mil	1.5 mil	1.85 mil

Glutton Bag - Thickness - 1.5 mil  
 Compactor Bag - Thickness - 2.5 mil

NOTE: Thickness in parenthesis are given for 100% low density polyethylene liners to hold the same amount of trash as would a blended product of linear low and low density liner, thickness for which are given in the table.

SPECIFICATIONS

RECYCLED PRODUCT: The Ohio Revised Code does not require the use of recycled content products. However, the Office of State Purchasing seeks to purchase recycled content products, and agencies may do so at their option. Bidders may offer recycled content trash can liners (Category R) according to the following definitions and guidelines:

DEFINITIONS:

Recovered materials: Waste materials and by-products which have been recovered or diverted from solid waste.

Pre-consumer materials: Recovered materials which were production finished materials, products or by-products which did not reach the consumer for whose use they were intended, and have been diverted from solid wastes for the purposes of collection, recycling and disposition.

Post-consumer materials: Recovered materials which were generated by a business or consumer, have served their intended end uses, and have been separated or diverted from solid wastes for the purposes of collection, recycling and disposition.

Recycled content product: A product made from pre-consumer or post-consumer recovered materials whose portion as a percentage of the weight or volume of the product meets or exceeds the minimum content percentage standard guidelines established by the Administrator of State Purchasing.

REQUIREMENTS:

PERCENTAGE OF RECYCLED PLASTIC CONTENT: The purchase of recycled content plastic trash can liners shall be at the sole discretion of the purchasing agency. These plastic trash can liners shall be manufactured with a minimum content of 25% post-consumer recovered linear low density, or low density, or a blend of the two, polyethylene material by weight, and shall be so certified by the manufacturer.