

# Revolution bag

## GOING GREEN IS IN THE BAG

Can liners for every type of commercial or industrial need

### QUALITY

#### STRONG, DURABLE CONSTRUCTION

Premium resin allows performance to equal or exceed that of liners made of non-recycled materials

All tubular construction means no slit seals to split under pressure

Star-sealed bottom

Perforated on coreless rolls for easy separation



### ECO-FRIENDLY

#### EXCEEDS EPA PROCUREMENT GUIDELINES BY AN AVERAGE OF 700%

Qualifies in existing building USGBC LEED program

All bags contain 30% to 97% postconsumer recycled resin

More than 1 billion pounds of waste diverted from landfills to date

### VALUE NO EXTRA COST FOR BEING GREEN

#### CLOSED-LOOP PROCESS A REVOLUTIONARY SYSTEM

Revolution Bag creates liners through a closed-loop, in-house system that ensures the highest-quality post-consumer recycled resin (PCR)



We make the irrigation polytube



We pick up the used polytube from farmers



We recycle the polytube into certified 100% PCR



We make Revolution Bag can liners for you



100% RECYCLED CONTENT  
POST CONSUMER RESIN



PRODUCT CERTIFIED  
FOR REDUCED  
ENVIRONMENTAL  
IMPACT. VIEW SPECIFIC  
ATTRIBUTES EVALUATED:  
[UL.COM/EL](http://UL.COM/EL)  
UL126

ALL REVOLUTION BAG STOCK  
ITEMS AND BLENDS ARE  
ECOLOGO CERTIFIED

RB 1119

# ENVIRONMENTALLY PREFERABLE PRODUCT



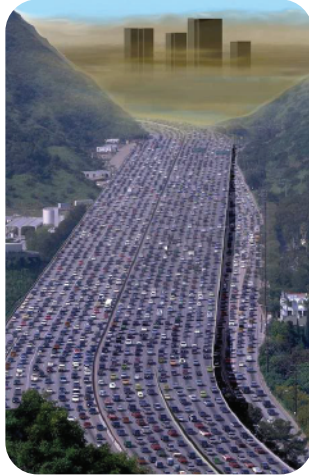
## Life Cycle Assessment



SCS Global Services conducted an assessment to determine the positive impact our product has on the environment. The LCA shows that production and use of Revolution Bag liners result in lower environmental impacts across the board when compared to liners made without recycled content.

### 37% Lower Global Climate Change Emissions

**Global Climate Change:**  
Tracks man-made greenhouse gases that are changing the planet's climate.



### 53% Less Depletion of Energy Resources

**Energy Resource Depletion:** Accounts for the depletion of non-renewable energy resources, such as crude oil, natural gas, and uranium.



### 50% Decrease in Human Exposure to Fine Particulate Matter

**Fine Particulate Matter (Soot):**  
Exposure linked to pulmonary illness, cardiac disease, and cancer in the population.



### 31% Decrease in Human Exposure to Ground Level Ozone

**Ground Level Ozone (Smog):**  
Exposure linked to asthma, bronchitis, and emphysema in the population.



### 12% Less Impact on Ocean Acidification

**Ocean Acidification:** Addresses the degree to which carbon dioxide emissions are making oceans more acidic, harming the oceans' ecosystems and food web.



### 31% Less Impact on Ocean Warming

**Ocean Warming:** Accounts for the warming effect of greenhouse gases, which are linked to killing coral reefs and changing the oceans' ecosystems.



### 51% Less Impact on Regional Acidification

**Regional Acidification (Acid Rain):**  
Tracks acid emissions that deposit in sensitive areas and affect our lakes, rivers, and wildlife.

Life Cycle Impact declaration of Revolution Bag's Loadmaster PCR LLDPE utility grade institutional can liners based on ISO 14044:2006 Environmental management - Life Cycle Assessment - requirements and guidelines. LCA study proves that production and use of one hundred thousand Loadmaster can liners made with 70% post-consumer recycled content results in lower environmental impacts when compared to can liners made without recycled content. Environmentally Preferable Products (EPP) and services have a lesser or reduced negative effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison applies to raw materials, manufacturing, packaging, distribution use, reuse, operation, maintenance, and disposal. Environmentally Preferable Products possess more than one environmentally friendly attribute.

**Revolution**  
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