



U.S. Pat. No. 10,294,022

STRONG STRAP

Universal Garbage Can Lid Locking Utility Strap

Upgrade the quality and utility of non-sensitive, non-hazardous waste containers by enabling customers to effectively prevent pests, eliminate wind-based litter, and combat overflow. Benefits include improved recycling quality, increased community aesthetics, and happier customers.

SPECIFICATIONS

Can Requirements

Size	30–96 gallons
Style	Must have a handle

Attachment

Method	Self-Drilling. Clamp with cap on inside.
Hold	Semi-Permanent

Installation

Process	Loop around handle, screw through can, fasten with caps.
Volume	Service or tooling available for large installation projects 500+

Collection Integration

Manual	Synchronous unlock with movement of can
Auto	Speak to sales about integrating with automation

Warranty

Plastic	3-Year
Rubber	1-Year

Usage

Lock	Pull down, then guide an insert up and into the anchor slot.
Unlock	Pull down and out.



Dimensions

Strap	Length: 48" Width: .88–1.9" Thickness: .25"
Anchor**	Width: 3.8" Depth: 1" Depth w/ Screw: 2.25"
Retainer**	Width: 3.8" Depth: 1" Depth w/ Screw: 2.25"
Caps**	Width: 3.8" Depth: 1.15"

**Thick walls are unbreakable

Materials

Strap	EPDM Commercial-Grade Rubber (Shore 60A)
Plastic	Recycled High-Strength Polycarbonate with UV Stabilizer
Screw	401 Stainless Steel with exposed #2 Philips drive.



BLAZER BRAND

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CORE BENEFITS

Wind - Prevent litter resulting from wind.

Pests - Decrease break-ins by small to medium sized pests
 - "Bear-Resistant" when using two (2) Strong Straps against black bears

Overflow Prevention

- Increase the capacity of trash cans by 10-20%
- Closed cans are better looking on trash day
- Decrease litter from overflowing cans

Improving Recycling Quality

- Shut lids keep recycling dry
- Ease transition to "no plastic bags" by providing effective containment of recyclables
- Results in less contamination at sorting facility

Fewer Cans = Smaller Footprint

- Where space is a constraint, *stuffability* allows can owners to fit more trash in fewer cans.



THINKING OUTSIDE THE BOX
Stuffability fit more in the bin.



DETAILED COLLECTION INTEGRATION

Manual Collection

- Unlock synchronously with movement of can from curb to collection vehicle (no added time)
- Durable design means no need to be gentle with the product
- Semi-permanent attachment means the Strap will stay on the can and out of the way

Automated Collection

- For automated collection, customers will appreciate a hauler who lets them keep their trash in the can where it belongs with a Strong Strap.
- Blazer Brand is developing an automated mechanism to open the Strong Strap at pickup. The mechanism is only needed when Strong Straps are widely distributed in an area. In the meantime, when allowing Strong Straps use the following steps to maximize efficiency.

- 1) Request customer's unlock their strap prior to pickup if possible.
- 2) Dedicate multi-person crews or trucks with right side drivers to run routes with a significant number of Strong Straps.

OUR MISSION

To raise the standard for properly contained and maintained waste.