



Child Safety Regulations & Products



Agenda

1. Introductions
2. Who is the Window Covering Manufacturers Association (WCMA)?
3. Who is the Consumer Product Safety Commission (CPSC) & what do they regulate?
4. Changes to our industry due to new regulations and standards
5. What window coverings will be going away
6. What window coverings will stay
7. What new solutions will be available in the market
8. Rollease Acmeda – Child Safe options
9. LIVE Q&A

Who are Derick and Anthony?



Derick Marsh

- Various capacities with Rollease Acmeda since 1997; CEO since 2005
- Member of Board of Trustees of WCMA since 2010
- Member of Board of Directors of WCAA in early 2010s



Anthony Russo

- Engineering and Product Management background
- Senior Product Manager for Rollease Acmeda

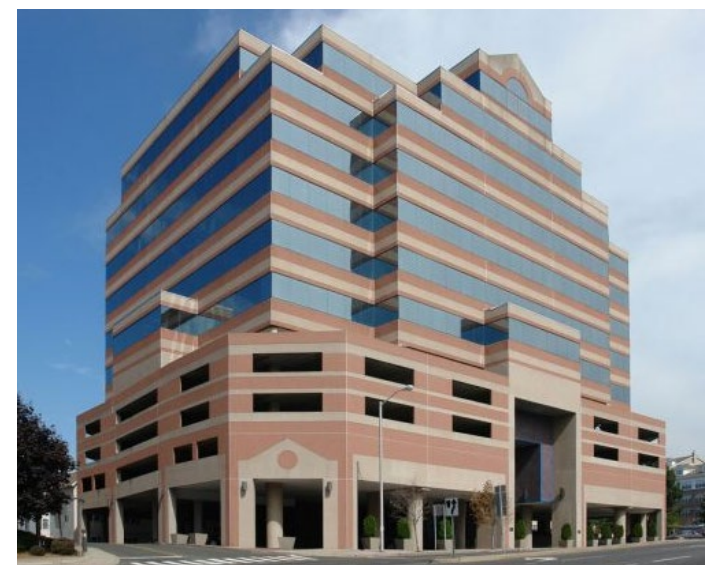
Introducing Rollease Acmeda

- Innovators of internal and external precision window covering hardware and automation systems; performance fabric supplier
- Established in 1980
- A world class Innovation & Design Centre with 30+ engineers, designers & technicians
- We employ almost 300 associates worldwide, across USA, Australia/NZ, and Europe
- Serve several thousand customers in over 40 countries
- Specialty brands for automation, fabrics & outdoor shading markets

AUTOMATE™

ZIPSCREEN®

TEXSTYLE



About Window Covering Manufacturers Association

- WCMA represents the interests of the window covering industry manufacturers, fabricators and assemblers



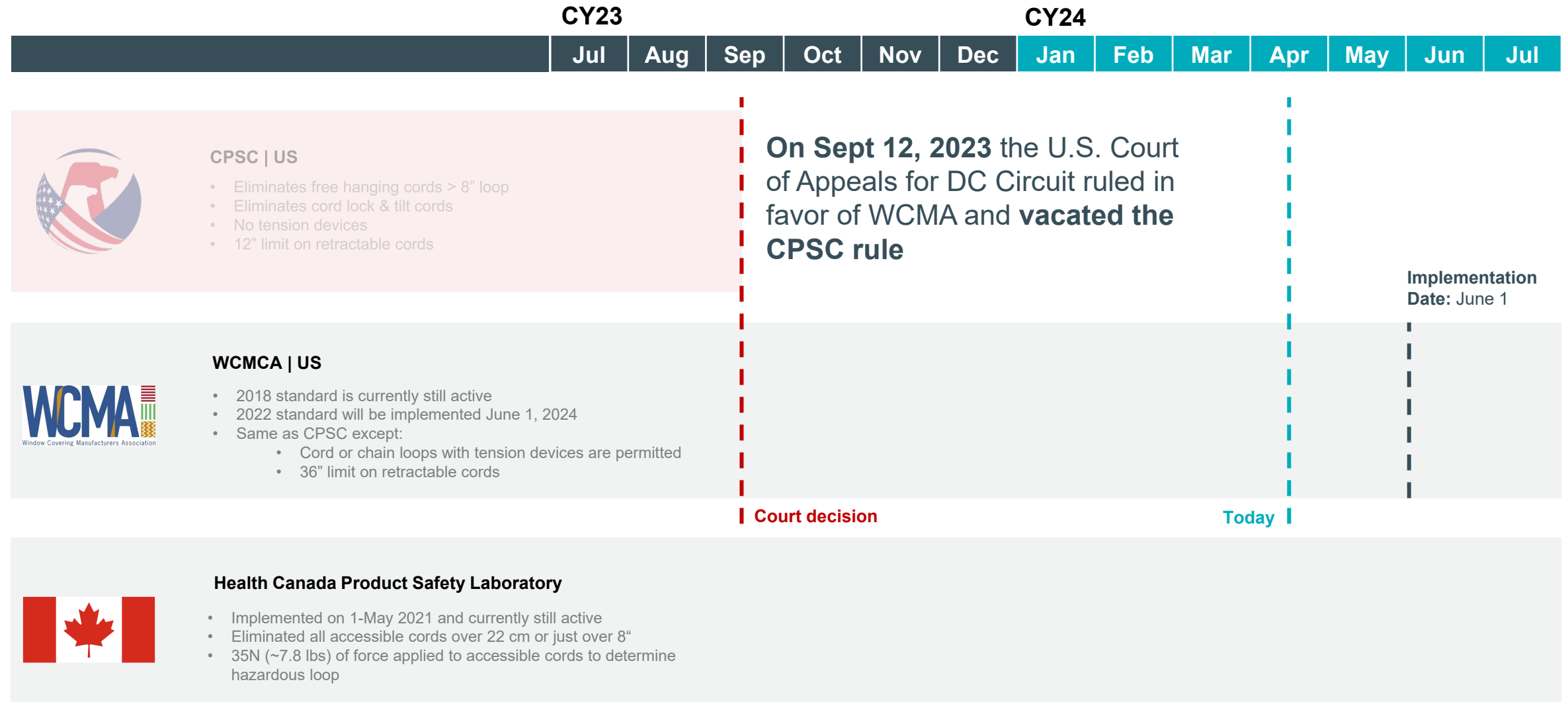
About Consumer Product Safety Commission

- The US CPSC is a federal government agency charged with protecting the public from unreasonable risks of injury or death associated with the use of consumer products under the agency's jurisdiction
- CPSC is committed to protecting consumers from products that pose a fire, electrical, chemical, biological, or mechanical hazard
- CPSC's work to improve the safety of the more than 15,000 types of consumer products in its jurisdiction – such as toys, cribs, power tools, cigarette lighters, textiles, and household chemicals – has contributed to a decline in the rate of deaths and injuries with consumer products over the past 40 years



Confusing & Conflicting

Child Safety Regulations and Standards



Brief History

Massive changes since 2018

2018 Standard eliminated accessible operating cords for all stock window coverings (includes cut down or "sizeable" window coverings)

- Stock products account for approximately 80% of total units sold and greater percentage of injuries

2018 Standard impacted custom less due to technological limitations (e.g., larger, heavier shades) but did require:

- Operating cords to have default length of 40% of shade height
- Blinds default to tilt wand, not tilt cord
- Warning tags more graphic on strangulation hazard

2022 Standard addresses custom window coverings

- Made to consumer's order, not in advance of order
- Wide variety of hardware and fabrics vs small selection of colors and sizes
- Typically measured and installed by trained professionals

Brief History cont'd

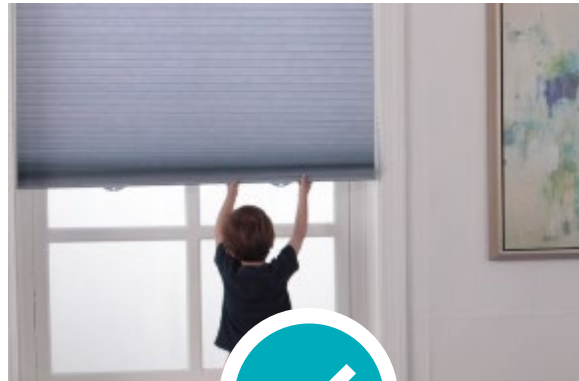
Massive changes since 2018

2022 Standard

- Eliminates free hanging cords, such as cord lock operating systems and tilt cords
- Eliminates continuous loop systems for horizontal slatted products
- Enhanced tension device requirements
 - Tension devices must be permanently installed at factory
 - Continuous loop must maintain tension at all times
 - Continuous loop must be designed for durability and pass cycle testing, UV stability testing, impact testing
 - Tension device must include mounting hardware/fasteners and instructions
- Eliminates corded operating for retractable cord systems and use wand or ring and cord retracts completely into head rail
 - Maximum stroke length of 36"
- Updates warning label requirements
- Adds remote control battery accessibility to align with ANSI/UL 4200A ("Reese's Law")

What is changing in the industry?

Use of cords/chains will be limited with the implementation of WCMA/ANSI 2022



What window coverings will be going away?

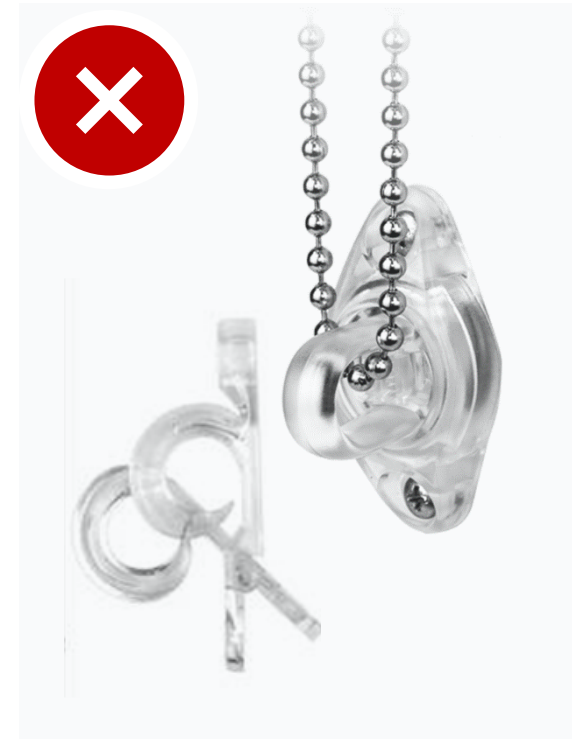
Anything with an exposed and non-tensioned cord/chain



Cord locks



**Tilt cords
Horizontal Blinds**



**Non-Compliant
Tension Devices**

Detailed Standards – Chains / Cords

ANSI/WCMA A100.1-2022 permits the use of chains / cords **ONLY IF**:

- Cords are short (< 8”), mostly to assist with pulling shade
- Cords are inaccessible
 - Within 12” of headrail, if inner lift cord
 - Can’t be touched with accessibility probe
- Untensioned loop < 16” circumference
- Retractable (< 36” and can retract with +30g of weight) with approved warning label
- Have a compliant tension device with approved warning label

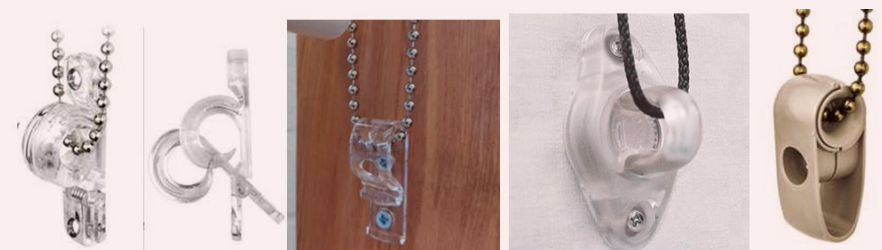
AND

- Pass Applicable Testing Requirements

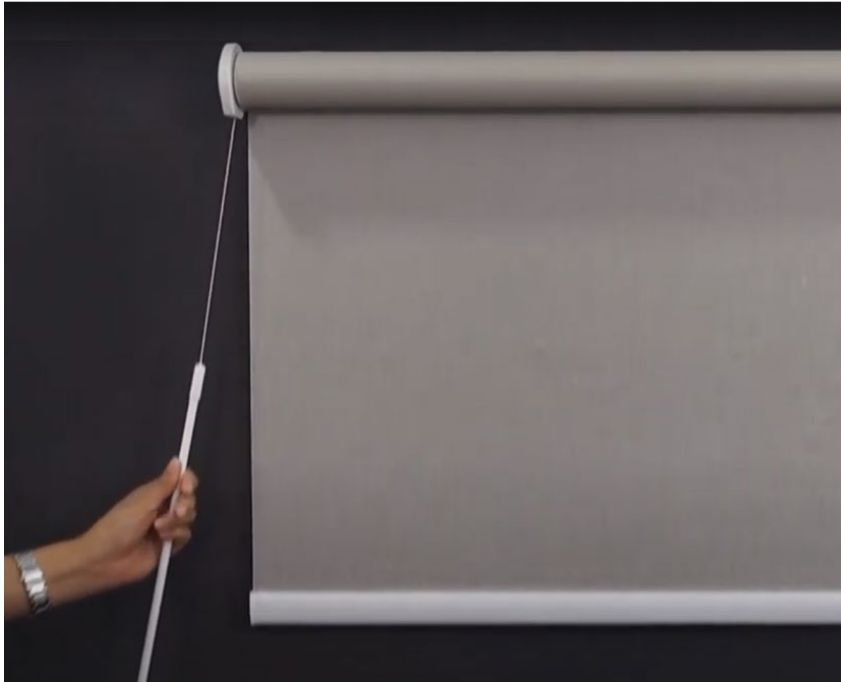
Compliant



NOT Compliant



Products Requiring Safety Labels



- Compliant retractable cords with up to 36" of cord in operation (must be retracted at rest)
- Interface must be rigid (wand or ring)



- Clutch based systems with compliant tension devices

Tension Devices Requirements

Child Safety Regulations and Standards


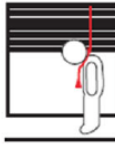

1. Attached to chain and headrail or clutch by manufacturer
2. Prevents operation if not properly installed
3. Must be broken to be removed
4. Must be under tension when installed
5. Must pass UV stability testing
6. Must pass Impact testing
7. Must pass Durability testing
8. Must be supplied with fasteners for wood substrates and instructions


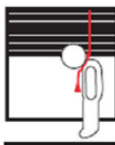



Warning Labels / Tags


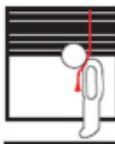

Child Safety Regulations and Standards

Product Labels


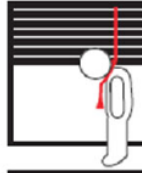
 WARNING		Window Blind Cord Strangulation Risk A damaged, loose, or missing tension device poses a strangulation risk to children. Remove from use and repair or replace if tension device is damaged, loose, or missing
 ADVERTENCIA		


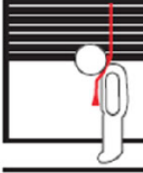
 WARNING		Window Blind Cord Strangulation Risk A retractable window blind cord that fails to fully retract poses a strangulation risk to children. Remove from use and repair or replace if cord fails to fully retract
 ADVERTENCIA		

Merchandising Labels

 WARNING		Window Blind Cord Strangulation Risk Window blinds with a damaged or loose tension device or retractable cord that fails to fully retract pose a strangulation risk to children. To avoid this potential strangulation risk, consider purchasing cordless products or products with inaccessible cords
 ADVERTENCIA		

Product Tags

 WARNING

Products with a Damaged, Loose, or Missing, Tension Device Pose a Strangulation Risk to Children
This Window Blind is equipped with a Tension Device
<ul style="list-style-type: none">• Remove from use and repair or replace if tension device is damaged, loose, or missing• Tension device must be securely attached to wall or floor• Children can climb on furniture to reach cords<ul style="list-style-type: none">o Fasteners provided with tension device may not be appropriate for all mounting surfaceso Use appropriate anchors for mounting surface conditions• Tag to be removed only by end-user

 WARNING

Malfunctioning Retractable Cord Poses a Strangulation Risk to Children
This Window Blind is equipped with a retractable cord
<ul style="list-style-type: none">• Remove from use and repair or replace if cord fails to fully retract.• Children can climb on furniture to reach cords• Move crib and furniture away• Tag to be removed only by end-user

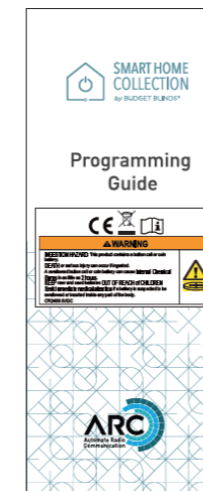
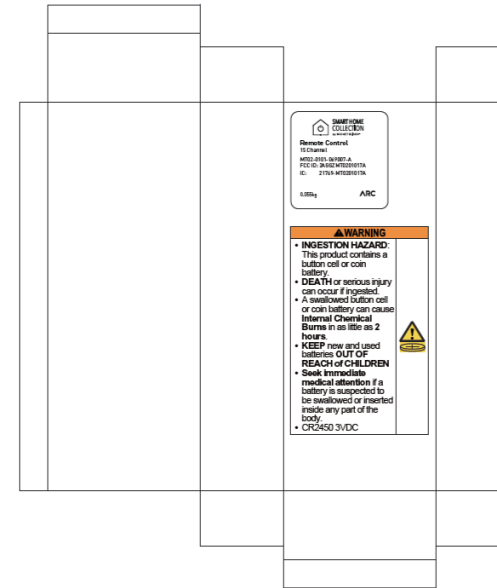
What Exceptions or Clarifications are there?

- Any horizontal blinds (regardless of material or size of slats) operated by a continuous loop system is NOT compliant
- Top-Down-Bottom-Up (TDBU) shades with cordless operating system (including motorized) are compliant
- No exceptions for commercial or other non-residential installations

Motorized Shades

Child Safety Regulations and Standards

1. Battery door opening by using two sequences of movement - Push Pin
2. Prevents child from opening the battery door easily
3. Minimum torque required to open the battery door
4. Warning label must apply on the front face of the packaging to inform that contains coin battery
5. Warning label on the remote control to inform that the device contains coin battery
6. Warning label applied on the programming guide
7. Device must pass UL4200 regulation tests



WCMA

What happens next?

- ANSI/WCMA 2022 standard will be reopened for further improvements, consistent with history and tied to technological advancements and new data
- This process can take many months to years
 - Process involves: several revisions, comments, edits, finalization, ANSI approval, and implementation
- WCMA also established, with Department of Energy, the Attachment Energy Ratings Council to measure and publicize energy savings attributes of window coverings
- CPSC will enforce compliance to the ANSI/WCMA standard through fines and recalls



Manual

What new solutions are available?

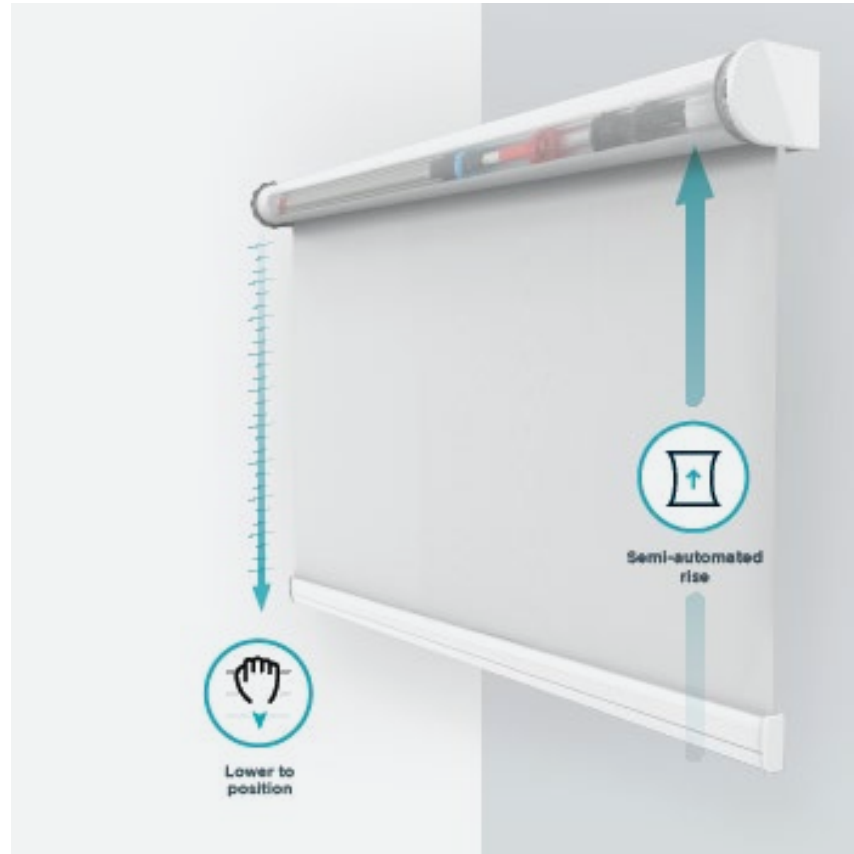


< 16" of exposed chain loop



Spring

What new solutions are available?



Motorized

What new solutions are available?





Product Solutions

Current Chainhold

Rollease Acmeda

- Fully compliant to ANSI/WCMA A100.1-2022 standard
- Evaluated, Tested, and Approved by Intertek
 - Intertek = Accredited Nationally Recognized Test Lab
- Trusted and reliable tension device for child safety since launched in 2017
- 3.5 million units sold with no safety or quality issues reported



Certified by
third party
accredited lab

intertek
Total Quality. Assured.

Chainhold Sample Kits

Chainhold Tension Device

The Rollease Acmeda Chainhold Tension Device has been tested and approved to comply with the ANSI/WCMA A100.1-2022 safety standard.

Continuous Chain Loop operating systems must include a warning tag attached to the chain or tension device and a warning label on the products. Examples of each shown here.

Requirements for compliant tension hold devices:

- Attached to chain by manufacturer via permanent assembly method
- Prevent operation if not properly installed
- Be under tension when installed
- Pass applicable testing
- Be supplied with appropriate warning labels and tags
- Supplied with compliant instructions and fasteners to attach to wood substrates

WARNING

ADVERTENCIA

Wider Bar Coat/Impulsive Risk

High Impulsive Risk

Item # HD91-022-00001
Item Description Button Ball TD Label 5.11 (2022), roll of 250
Actual Label Size 8.5" x 1.25"
Address Section S.11 ANSI/WCMA Standards
Languages English and Spanish

WARNING

Products with a Damaged, Loose, or Missing Tension Device Pose a Strangulation Risk to Children

This Warning Label requires a Strangulation Risk to Children

- This label must be attached to the product.
- This label must be attached to the product.
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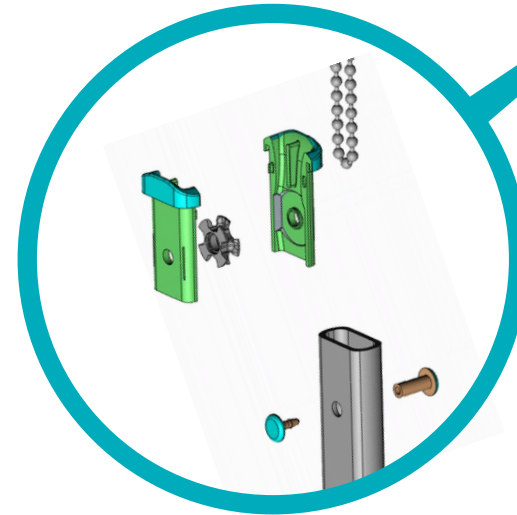
Item # HD91-026-00001
Item Description Tension Device Tag 5.21 (2022)
Actual Label Size 2.75" x 0.75"
Address Section S.21 ANSI/WCMA Standards
Languages English and Spanish (two-sided)

Chainhold Clear	Chainhold White	Chainhold Gray	Chainhold Black	Chainhold Bracket
Part Number RB91-1337-001000 Chainhold Cover RB91-1337-001000 Chainhold Base Assembly RB91-1337-001010 Chainhold Set (Cover+Base+Bracket)	Part Numbers RB91-1337-075000 Chainhold Cover RB91-1337-075000 Chainhold Base Assembly	Part Numbers RB91-1337-331000 Chainhold Cover RB91-1337-331000 Chainhold Base Assembly	Part Numbers RB91-1337-050000 Chainhold Cover RB91-1337-050000 Chainhold Base Assembly	Part Number RB91-1339-001010 Chainhold Mounting Kit Clear



Chain Shield

- Cost efficient solution
- WCMA and Health Canada compliant
- One hand operation – Alternate option to using a Chain hold
- No need to mount a tension device that could mark walls/mullions
- Utilize RA (or other) clutches/chains for a child safe solution
- Standard offering in UV resistant clear (black / white also available)
- Sold in 12' or fixed lengths with accessories sold separately
- All simple/quick to assemble
- Compatible with RA clutches, tension devices, ball stops, connectors, etc.
- Patented Technology



Easy Spring Systems



Easy Spring Wand

- Child safe
- Ideal for hard to reach shades
- WCMA / HC compliant
- Auto-rise with simple tug of hem bar or wand
- Controlled rise
- Uses common parts with ESU
- Adjustable top limit
- Min width = 23"
- Max width = 95"
- Max drop = 95"



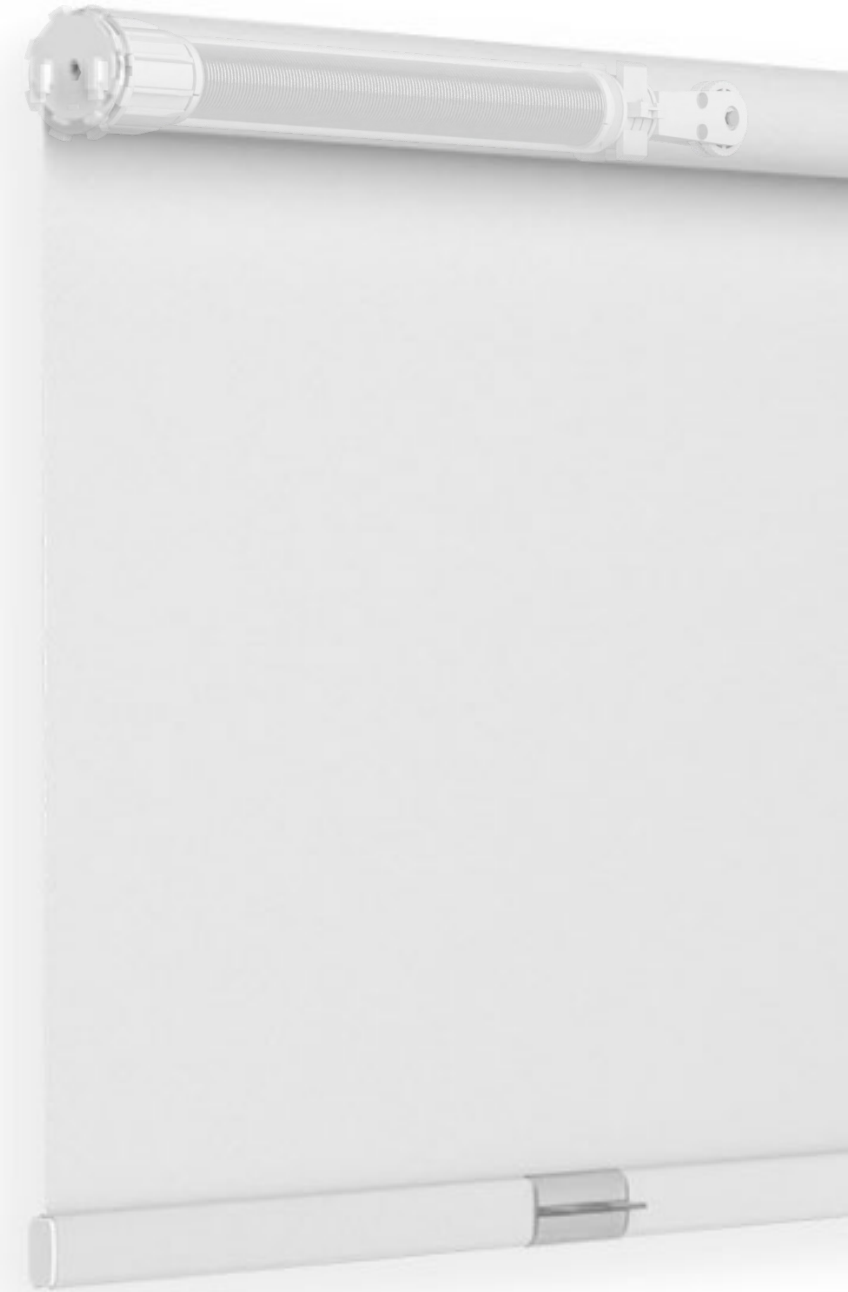
Easy Spring Wand

- Child safe
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- WCMA / HC compliant
- Auto-rise with simple tug of hem bar or wand
- Controlled rise
- Uses common parts with ESU
- Adjustable top limit
- Min width = 23"
- Max width = 95"
- Max drop = 95"

Easy Spring AIR

Balanced System

- WCMA / HC compliant
- 1.5", 2", and 45mm tube sizes
- Place the shade/bottom bar in the desired shade position
- 6 adjustable spring sizes
- Easy to manufacture and tension
- Tension lock
- Adjustable top limit (optional)
- Tension adjustment wheel post-installation
- Skyline universal brackets
- Min width = 16"
- Max drop = 118"
- Optional fabric wrap hem bar, handle, and pull hook



Easy Spring Ultra and Easy Spring Air

Difference in Operation



Easy Spring Ultra



Easy Spring Air

New Low-cost Motor Options

Child Safety Compliance



Wand Motors (Fixed or Removable)

- 1.1Nm 25mm Motor
- 2600mAh battery capacity
- Adjustable Speed (20/24/28 rpm)
- ETL and FCC Certification
- Favorite Position
- Narrow motor with 17.91" length
- 7.5mm (5/16") Motorhead deduction
- Adjustable Electronic Limits via Wand
- 36" Wand length (White Only)
- Magnetic Wand
- Compatible with current C&D and Adapters



Remote Motor

- 1.1Nm 25mm Motor
- RF Communication via 433MHz Remote Control
- One Way Communication
- 2600mAh battery capacity
- Adjustable Speed (20/24/28 rpm)
- ETL and FCC Certification
- Favorite Position
- Narrow motor with 17.91" length
- 7.5mm (5/16") Motorhead deduction
- Adjustable Electronic Limits via Remote
- 5-Channel Remote (Only White)
- Compatible with current C&D and Adapters



Next Generation Tension Device

Coming Soon - by Q4 2024

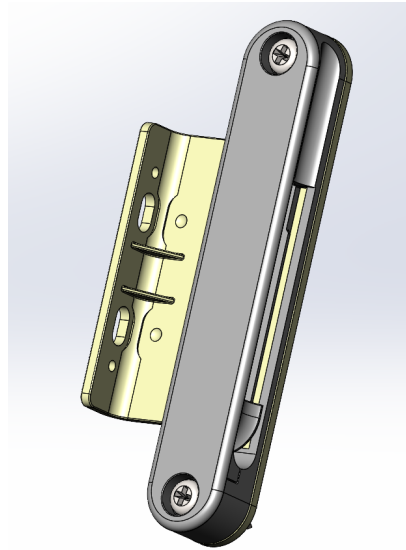
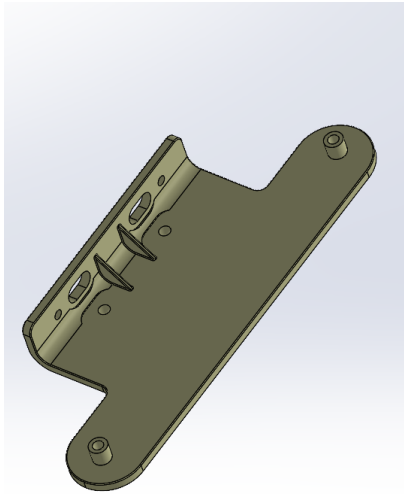
Tension Device PLUS

- WCMA 2022 Compliant
- Patent pending
- Will work with cords and chains (2 SKUs)
 - Chain ~ 3.6" in height
 - Cord ~ 4.5" in height
- Chain/cord will be LOCKED if tension is lost
 - Longer spring travel:
 - Larger install margin of error
 - Less tension on the chain/cord
- Unlock feature on the back for safety
- Adhesive backing / wall / floor mounts
- Robust commercial mount
- Two mounting points for stability, reliability, and strength
- Ability to accept #8 (1/4") hex head screws
- Works with chain connectors and ball stops
- Intended colors
 - Frosted clear / White / Black
 - Metalized - TBD
 - Additional Colors - TBD



Tension Device PLUS | Mounts

Standard Mounts

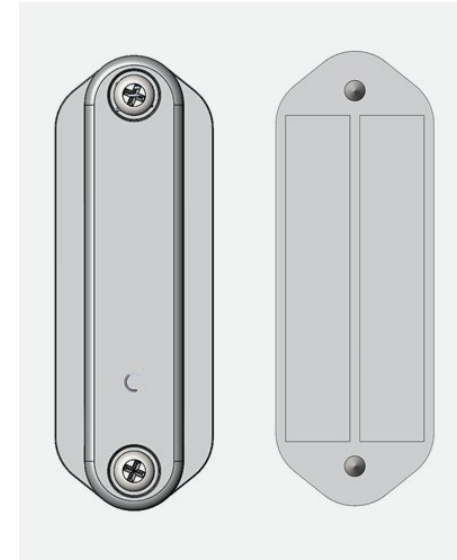


Deluxe / Commercial / Floor / Wall Mount



Chain only initially

Adhesive Backing



For Installation on to mullions and other surfaces that are not to be punctured



Questions?