

# Adams Escalator Parts and Handrails

## Escalator Products

Escalator Voice.....	12
Escalator Safety Strip.....	14
Escalator Motion Guard .....	17
Handrail Cleaner and Polish.....	19
Caution Signs.....	19
Anti-Slide Knobs .....	20
Escalator Step Gauges.....	20
Safety Service Barricades.....	21 – 22

## Escalator Handrails

About Replacement Handrails .....	23
How to Measure Escalator Handrails .....	24
How to Coil Escalator Handrails.....	25 – 26
Handrail Splice Kit.....	27
Otis Handrails .....	27
Hitachi Handrails .....	27
Montgomery Handrails .....	28
Haughton Handrails .....	28
Schindler Handrails.....	28
Westinghouse Handrails.....	29
Notes.....	30

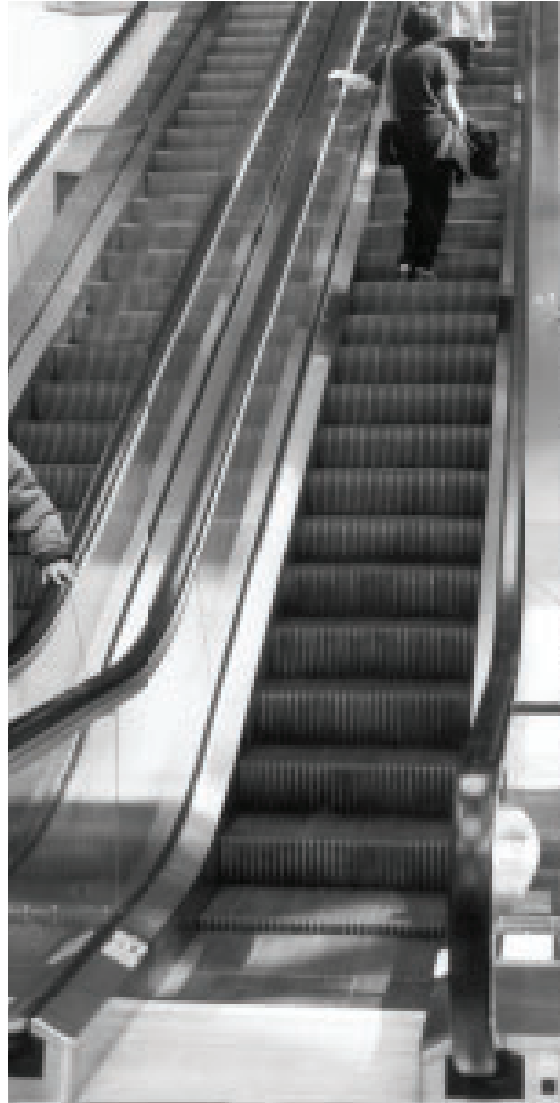
# Escalator Voice™

Keeps riders alert to safe-riding practices

2

## Digitized human voice tells escalator riders what they need to know to avoid common accidents and injuries

- Reduces your liability: Escalator Voice meets your legal obligation to inform every customer of the “highest duty of care” available to them.
- Helps keep riders safe: Occasionally, everyone becomes unaware of their surroundings. Escalator Voice helps ensure that every escalator rider stays tuned in to potential dangers.
- Best-available sound quality: Escalator Voice uses the latest digitized voice technology to reproduce real human speech recorded in a professional sound studio. No form of voice reproduction is more natural or lifelike.
- Choose standard or custom messages: Escalator Voice ships to you programmed with 16 all-purpose safety messages recorded by a male and a female voice (see listing on facing page). You can choose other messages from our library, or submit your own for recording under the same studio conditions as the standard messages.
- Water-resistant speakers mount anywhere: Escalator Voice speakers feature a water-resistant cone that stands up to spills and aggressive cleaning crews. Speaker box with stainless steel faceplate can be mounted on high or low deck, as shown.
- “Randomizer” keeps messages flowing: Escalator Voice plays its messages in random sequence to help promote attention and retention.



Part Number	Description
A203	Escalator Voice with power supply in housing, 2 loudspeakers, and 16 all-purpose safety messages
A205	A203 with custom messages

# Escalator Voice™

Keeps riders alert to safe-riding practices



A203 shown without cover, and one speaker

## Specifications

- **Audio Output:** 8 or 16 ohms at 5 watts.
- **Board Power:** 6.6 to 11 VAC (50/60Hz), or 8.5 to 19 VDC, non-polarized. Maximum current is less than 0.5A.
- **Transformer Power:** 105 to 130 VAC (60Hz). Maximum current is less than 0.06A. Nominal output is 7.5 VAC with 120 VAC input.
- **Mute Input:** 75 to 130 VAC / VDC (50/60 Hz). Maximum current is less than 0.011A. "Positive" pin marked for DC.
- **Dimensions:** Transformer Box = 7 1/8" x 8 7/8" x 39/16", Speaker Cover Plate = 3 7/16" x 6 1/4", Speaker Enclosure: 2 3/4" x 5" x 3" deep, Speaker Cutout: 3" x 5 1/4".

These all-purpose messages are included with Escalator Voice at no additional charge.

## Female Voice

- Baby strollers, pushcarts and pullcarts are not permitted on this escalator.
- Please do not sit on the steps or the handrail.
- Please watch your step getting on and off.
- Please be careful while riding this escalator.
- Please watch your step.
- Remember to stand in the center of the step while riding this escalator.
- Please face forward while riding this escalator.

## Male Voice

- Baby strollers, pushcarts and pullcarts are not permitted on this escalator.
- This escalator is for passenger use only.
- Please attend to all children.
- Please hold the handrail.
- Please step on and off this escalator with care.
- Do not run or walk while riding this escalator.
- Always hold children by the hand.
- Please use the elevator for strollers and carts.
- Please hold the handrail and attend to all children.

# Escalator Safety Strip 'Flex'

Designed to keep passengers in the "safety zone"

2



## The narrowest escalator skirt brush is now available in a new, flexible design.

Escalator Safety Strip will assist in the reduction of sidewall entrapment accidents. The brushstrip provides a tactile reminder for the passenger to keep feet away from the danger zone.

Industry's strongest, narrowest deflector brush has been proven with over 25 years of dependable service and more than 25,000 installations worldwide.

Escalator Safety Strip's narrow aluminum extrusion, along with the exceptional strength of strip brush, will stand up to the rigors of continuous use.



## Features:

- New aluminum-alloy allows radius end sections to be formed on-site! No extensive surveys necessary.
- Locked-in-bristle (strip brush). Greater brush strength and durability assure years of dependable, uninterrupted service.
- Center-mounting-screw design allows easy installation and removal without requiring separate brush removal.
- Sleek aluminum extrusion is only 0.710" wide.
- They're durable and attractive.
- Silver anodized finish. (Black anodized available.)
- Aluminum extrusions have rear T-slots for inserting filler strips, if required.
- Pre-assembled components help speed installation.
- Most economical of all brushes available.
- Complies with A17.1.

Our people, products and service make the difference

# Escalator Safety Strip 'Flex'

Helps prevent side-of-step entrapment accidents on all escalators

## Safety Strip Narrow Double

- Only 0.710" wide.
- Center mounting screws (concealed and countersunk) permit easy removal of sections without removing brushes separately.
- Extruded aluminum imparts lasting durability.

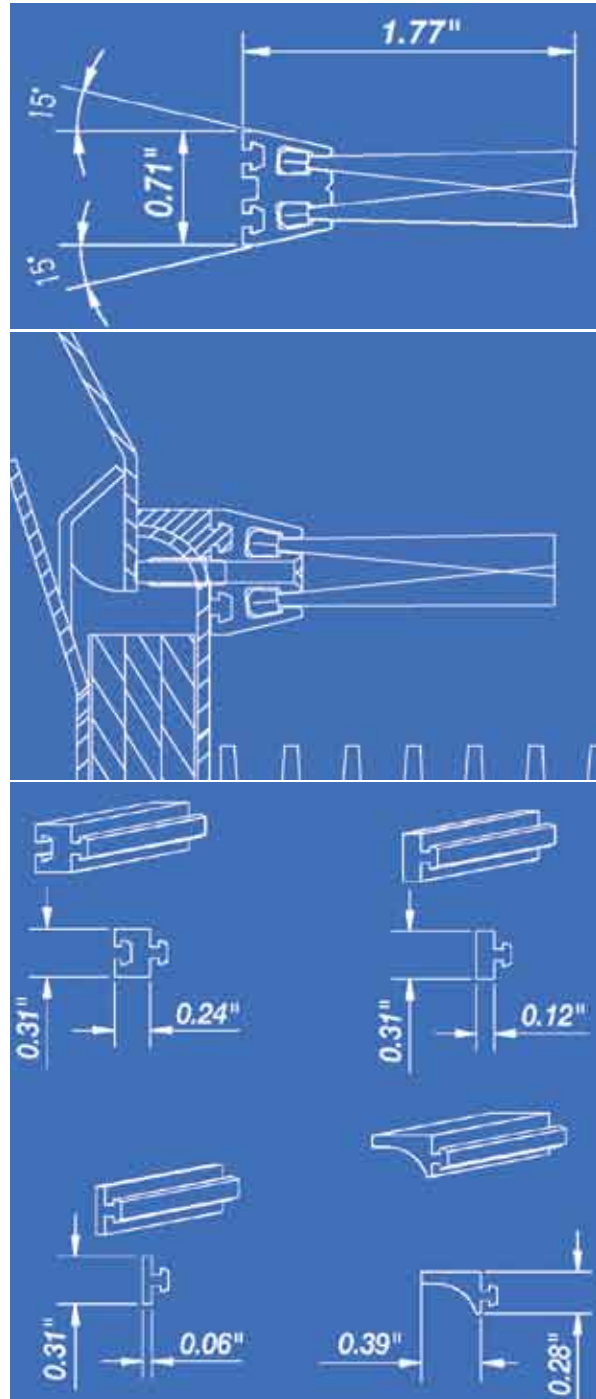
## Safety Strip Shown w/Radius Adaptor (For Westinghouse L & M escalators)

- Same configurations as above but used to gain additional clearance above steps.

## Safety Strip Filler Strips

- Slide easily into patented T-slots on backside of extrusions to allow parallel installations on uneven surfaces.

Survey worksheet available on pg. 16, from your Adams representative or at [www.adamselevator.com](http://www.adamselevator.com)



Safety Strip meets A17.1 code requirements. Always check with your local code authority for acceptable installation clearances.



# Escalator Safety Strip Survey Worksheet

Information about your escalator and to help us to supply you with correct length kit

2

Purchase Order No. \_\_\_\_\_

Contact \_\_\_\_\_

Company \_\_\_\_\_

Street \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-Mail \_\_\_\_\_

## Escalator Details

Vertical rise or comb plate tip to comb plate tip measurement Only one or the other is required. This information will enable us to supply you with the correct number of parts.

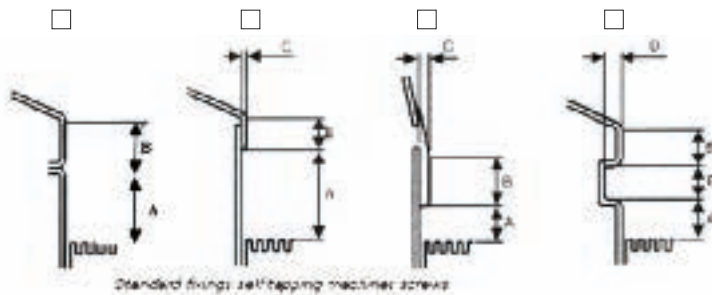
Escalator Make \_\_\_\_\_ Model \_\_\_\_\_

Vertical Rise \_\_\_\_\_ ft. \_\_\_\_\_ or Length, comb plate tip to comb plate tip \_\_\_\_\_ ft. \_\_\_\_\_ ins

No. of Units \_\_\_\_\_ Finish: Silver Anodized (Std)  Black Anodized

## Sidewall Profile (as measured on the incline)

Please select the sidewall that is the closest match to your escalator.



## Sidewall Dimensions

Please complete the sidewall dimensions. These measurements help us determine whether infill spacers will be needed.

A	_____
B	_____
C	_____
D	_____
E	_____
	_____

## Ship to

If different from above.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Escalator Motion Guard™ MG3

An innovative approach to escalator skirt brushes with greatly reduced installation time

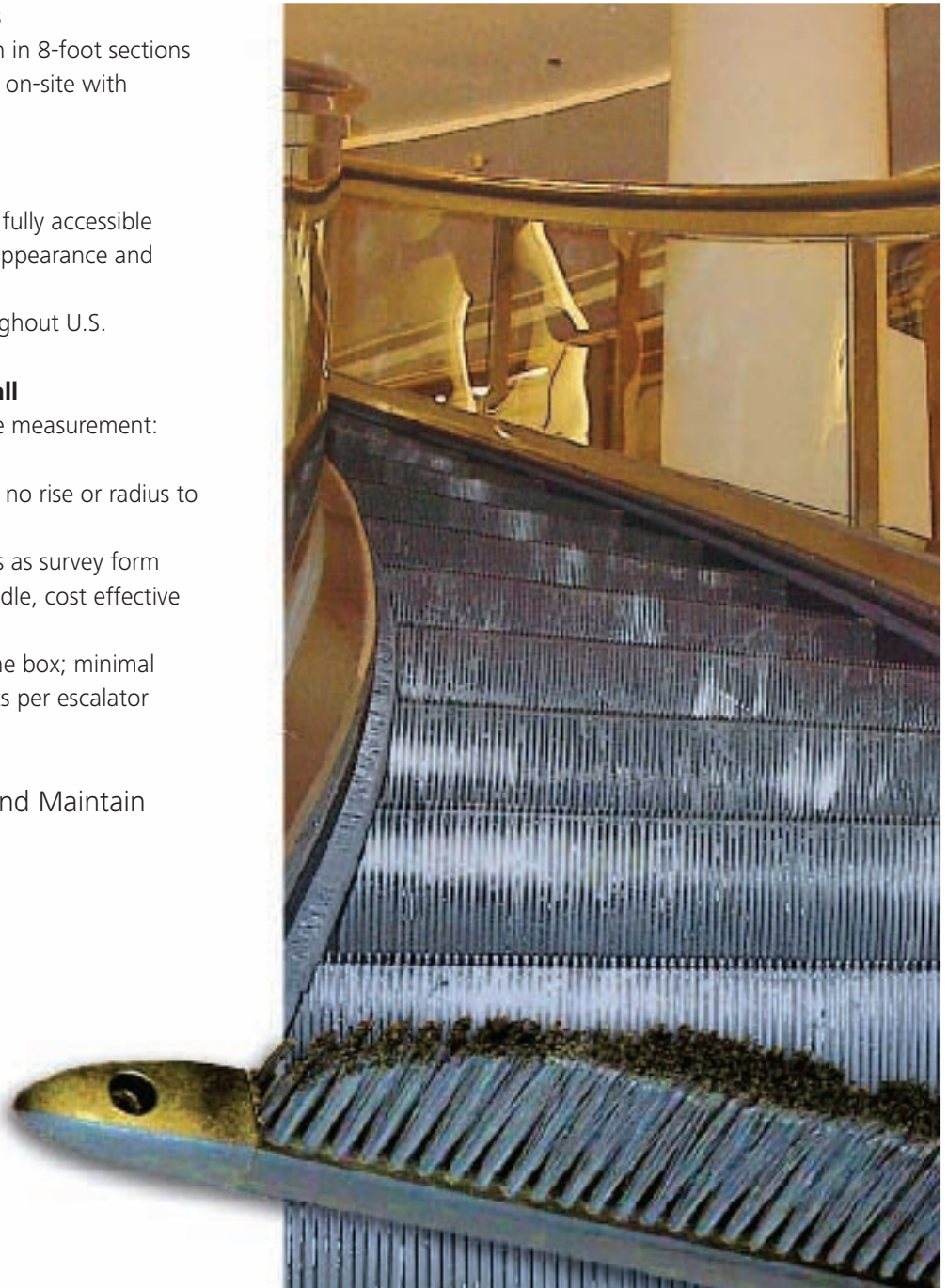
## Physical Characteristics

- Unique one-piece design in 8-foot sections
- Flexible enough to bend on-site with no special tools
- A17 Code compliance
- Very high bristle volume
- Concealed fasteners are fully accessible
- Attractive, unobtrusive appearance and highly durable
- Many installations throughout U.S.

## Easy to Order and Install

- Requires only one simple measurement: comb tip to comb tip
- No surveys to complete; no rise or radius to determine
- Simple order form serves as survey form
- Packaging is easy to handle, cost effective to ship
- Ready to install out of the box; minimal on-site cutting. (Two cuts per escalator maximum.)

Easy to Order, Install and Maintain



2

# Escalator Motion Guard™ MG3

How to measure your escalator for MotionGuard escalator skirt brushes

2

## Objective

- Imagine a line drawn from the upper comb tip to the lower comb tip following the step nose of each step through the upper landing area and curve, down the incline, through the lower curve and landing area and finally finishing at the lower comb tip. In order to ensure an accurate measurement, the tape measure must bridge across each step nose through the upper land and down the incline.
- Similarly, the tape measure must not collapse between the steps or ride high above the step nose through the lower curve.
- The following instructions are provided for correctly measuring the tip-to-tip measurement between the upper and lower comb plates.

## Recommendation

- Use a  $\frac{3}{4}$ "- or 1"-wide steel tape. DO NOT use a cloth tape. Cloth or flexible tapes are not stiff enough to bridge across the step nose of each step.
- If measuring alone, loosen the comb plate and hook the tape measure across the back edge. In this case, you need to subtract the length of the upper and lower comb plate from your final measure.

## Measure the Escalator

- One-step measurement: If your tape measure is long enough to measure between the upper and lower comb tips as described above, complete this measurement and record it on your survey as the:  
Measured Escalator Length \_\_\_\_\_.
- Two measurements: Start at the upper comb tip and work down. Measure to a step along the incline representing  $\frac{1}{2}$  or  $\frac{1}{3}$  of the distance down the incline. Measure to the closest step nose, record the measurement, and mark the step. Repeat the process, measuring from the lower comb tip up the incline to the step nose of your marked step. Add the measurements together and the sum is your:  
Measured Escalator Length \_\_\_\_\_.



Top landing: Upper Comb Tip



Bottom landing: Lower Comb Tip



Comb plate: Subtract Length of Comb Plate



# Handrail Cleaner and Polish

**Keep your escalator handrail looking and running like new with these specially-formulated cleaners.**

To use Handrail Cleaner, dilute with 4 parts water and apply with a damp cloth. Wipe clean with another damp cloth. May also be sprayed onto handrail with a trigger-type spray bottle; same dilution ratio.

To use Handrail Polish, spray onto a soft cloth and wipe generously; remove with second cloth.

The Trial Pack is a convenient way to test these professional cleaners on the job. If you like the results, order the economical 1-gallon bottles.

Part Number	Description
AE050	Escalator Handrail Polish, 1-gallon
AE100	Escalator Handrail Cleaner Concentrate, 1-gallon
AE150S	Cleaning Set consists of the following: 3 Liters #250 Cleaner 3 Liters #150 Sealer 3 Liters #540 Interim Cleaner Sponge, Cloth, and Instructions

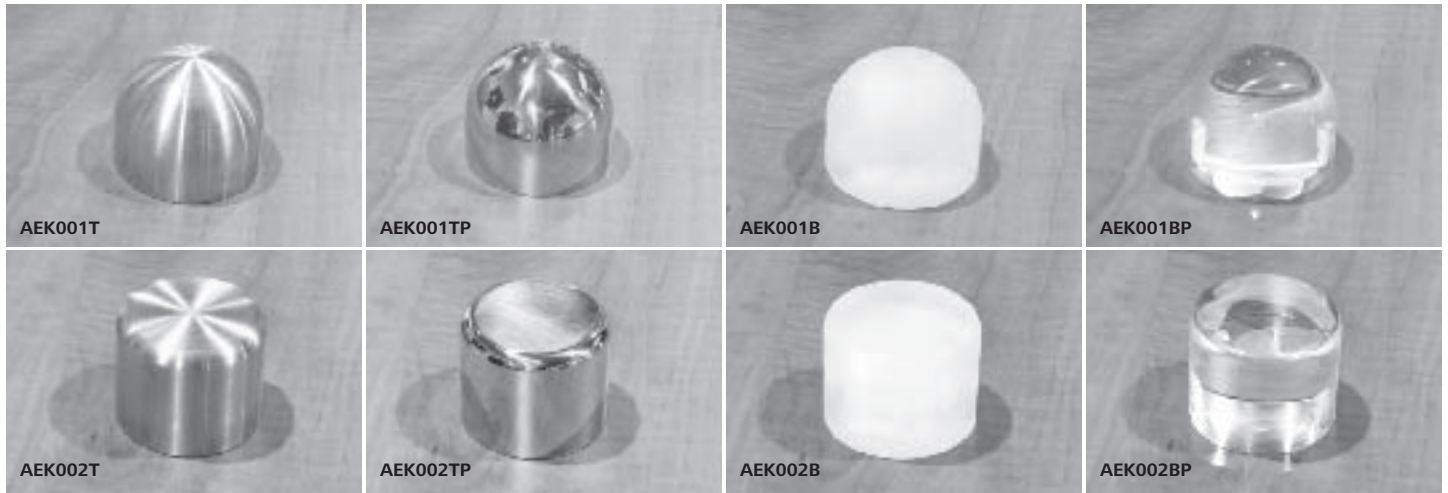
# Caution Signs



Part Number	Dimensions	Text Color	Background Color	Description
A558A	4" x 7 3/4"	Black/White	Yellow	Caution, Metal w/ self-adhesive tape strips
A556A (not shown)	10" x 7"	Gray/Black	Black/Gray	Caution, Lexan w/ self-adhesive backing
A558B	4 1/4" x 9"	Black/White	White/Red	Caution, Lexan w/ self-adhesive backing
A556B (not shown)	10" x 7"	Gray/Black	Black/Gray	Caution, Lexan w/ self-adhesive backing
A558C	4" x 7 3/4"	Black	Yellow	Caution, Lexan w/ self-adhesive backing
A558D	4 1/2" x 9 3/4"	Black	Yellow	Caution, Lexan w/ self-adhesive backing

# Anti-Slide Knobs

2



## Help Prevent Riders from Sliding Down High Deck

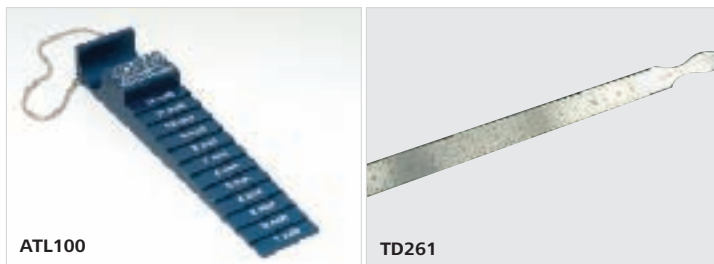
These easy-to-install devices come in several materials and styles to help them conform to the appearance of your escalator installation. The 2" high device come with all edges rounded to prevent injury from casual contact. Choose from two styles, two materials, and two finishes.

- Dome or puck
- Stainless steel or acrylic
- Satin finish or polished.

Requires just two installation holes to fasten each knob securely. No high-volume escalator should be without these proven safety enhancements. 1" still available. Call your Adams sales rep for information.

Part Number	Description
<b>Dome</b>	
AEK001T	Stainless Steel, Satin Finish
AEK001TP	Stainless Steel, #8 Polished
AEK001B	Acrylic, Satin Finish
AEK001BP	Acrylic, #8 Polished
<b>Puck</b>	
AEK002T	Stainless Steel, Satin Finish
AEK002TP	Stainless Steel, #8 Polished
AEK002B	Acrylic, Satin Finish
AEK002BP	Acrylic, #18 Polished

# Escalator Step Gauges



Part Number	Description
ATL100	Escalator Step Gauge, Metric
ATL150	Escalator Step Gauge, Imperial
TD261	Step to Skirt Gauge, Metric/Imperial

# Safety Service Barricades

Is a lightweight, easily transportable, attention getting temporary barricade system. Barricades are 42" height with either six or four panels units available. Each barricade features 30" wide outer panels and 34" wide center panels. Barricades come pre-assembled for easy deployment at desired location. The hinged units easily fold together in a compact way for storage.

## Additional Features:

- Presents a pleasant and professional look.
- Fast deployment and set up. Unit is fully assembled and hinged.
- Provides an effective and attractive visual warning.
- "Do Not Enter" text and universal red & white symbols
- Front center panels can display a Corporate Name or Logo.
- Reduces exposure to public liability claims and worker injuries.
- All panels are Safety Yellow.
- Sturdy frame design, 3/4" diameter aluminum pipe.
- Barricades are held rigid in a 90° or 45° angle by stabilizing structural locking pins.
- Feet are made of heavy-duty non marking rubber caps to reduce skidding.
- 3.25" diameter suction cups keep barricade attached to device.
- 30" wide outer panels and 34" wide center panels.

Part Number	Description
ASG142B	3 Panel Barricade, 42" High (2 outer panels, 1 center panel)
ASG142C1	4 Panel Barricade, 42" High (2 outer panels, 2 center panels)
ASG142D1	6 Panel Barricade, 42" High (4 outer panels, 2 center panels)

Call Adams to add Corporate Logo to center panels.



# SafetyGuard™ for Escalators

Lightweight plastic guards prevent accidents

2

**Our bright-yellow plastic guards protect pedestrians from the hazards of elevator and escalator work zones. No work site should be without them!**

- Ultra visible: bright yellow color for high visibility
- Portable: 3 snap-together sections go up fast, store easily
- Durable: polyethylene plastic wipes clean in a flash
- Weather proof: use indoors or out; stands up to the elements
- Expandable: combine units to protect wide openings
- Nearly indestructible: sturdy, light-weight construction

Part Number	Description
ASG100	Escalator Safety Barrier
ASG100PH	Additional Barrier Panel w/ hardware
ASG100-CS	Caution Sign for Barrier

SafetyGuard is a registered trademark of Adams Elevator Equipment Company

## Size and Weight

- **Dimensions:**
  - Each section: 32" H x 38" W x 1 1/4" Thick (80cm x 97cm x 3cm)
  - 3-section set: 9.5' wide (2.9m)
- **Weight:**
  - Each section: 4 3/4 lbs. (2.2kg)
  - 3-section set: 14 1/4 lbs. (6.5kg)

## Also available in 36" height for certain requirements

- Each section: 36" H x 36" W x 1 1/4" Thick (91.4cm x 91.4cm x 3cm)
- made from same material as ASG100



Part Number	Description
ASG136	Escalator Barricade 36" (3 panel set)

# Adams Replacement Handrails

Adams is one of the world's leading suppliers of escalator handrail.

The shape and dimensions of a handrail are critical. If the height and width are not rigidly controlled, the result is a handrail that does not pass cleanly through other working parts of the escalator.

**Tension Member (Stretch Inhibitor):** Provides strength along the length of handrail to withstand the pulling force of the drive mechanism; flexible enough to bend around the balustrade, yet strong enough to maintain the length of the handrail.

## Feature

- Completely encased in envelope of vulcanized rubber.
- Rubber is permanently bonded to tension member with an adhesive bond stronger than the rubber itself.
- Variety of steel and non-metallic tension members available:
  - Solid Tape: Precision-tempered, high-tensile steel strip (1 3/4" W x 0.020" gauge); tensile strength greater than 200,000 lbs. per square inch.
  - Stranded Steel Cable: Time-proven design builds great strength from synergy of numerous strands working together.

## Benefit

- Permits handrail components to flex independent of each other; this eliminates the binding and chafing that can cause premature overheating and failure in ordinary handrail.
- Eliminates tension member bond failure, thus lengthening trouble-free service life.
- Matches performance characteristics of all escalator types.
- Tempering provides fatigue and fracture resistance from continuous bending.
- Thin cross-section promotes optimum flexibility.
- Excellent combination of stretch resistance and freedom from fracture for outstanding durability
- Reduce failure under high tension
- Pedestrian safety is enhanced.
- Will not lose strength or bonding due to corrosion.

**Slider (Under Surface):** Provides the sliding surface where the underside of the handrail contacts the balustrade handrail guide; provides traction surface for handrail drive mechanism.

## Feature

- Utilizes both natural cotton (std.) and synthetic materials.
- Nylon/polyester fibers are proven performers for outdoor use
- Cotton textile slider combines optimum sliding characteristics with positive driving traction for top performance indoors

## Benefit

- Assures high performance regardless of application or customer preference.

**Carcass:** Provides dimensional stability to the cross-section of the handrail; flexible layers of natural or synthetic fibers are permanently bonded with high-strength natural rubber.

## Feature

- Fully laminated thru entire cross-section with natural or synthetic fibers.
- Carcass laminations are bonded with high-strength natural rubber, permanently vulcanized.

## Benefit

- Lamination retains shape in lip area with no compromise in flexibility.
- Prevents carcass delamination and subsequent loss of shape.
- Vulcanization provides maximum strength and durability.

**Rubber Cover:** The flexible protective covering for the carcass; it provides a comfortable non-slip surface for the pedestrian.

## Feature

- Up to 1/8" thick layer of rubber.
- Standard cover material is styrene butadiene rubber with 2000 lbs. of tensile strength per square inch.
- Rubber is molded and vulcanized permanently onto carcass member.
- Vulcanization performed under precise time and temperature control
- Polished steel molds are used for molding and vulcanizing
- All rubber formulations contain premium-grade anti-degradants
- DuPont Hypalon® synthetic rubber available in special colors
- Other rubber compounds available

## Benefit

- Ensures lasting protection to vital carcass area.
- Resists the rigors of unusual or heavy-duty service.
- High-adhesive bond prevents premature loosening and separation.
- Prevents premature softening or hardening of rubber cover.
- Rubber surface is smooth and aesthetically pleasing.
- Rubber is protected from ozone and oxygen, common causes of cracking
- Hypalon is color-fast, non-marking, and exceptionally durable
- You can match special materials to your special applications (e.g., outdoor, hot, humid, high-traffic)

# How to Coil Escalator Handrails

12 steps (and a helper!) to make coiling easy

2

The best way to ship or store endless handrail is to roll it into a coil. Can't be done? Actually, it's easier than it sounds. Here's a tested two-person method for coiling endless handrail of any length. The numbered steps that follow correspond to the numbered photos.



Step 1. Choose a clean, flat area large enough to lay out the handrail in an elongated loop. Be sure the handrail is free of twists; place it with the rubber side down and the slider side up. Keep the sides of the handrail loop about 3 feet apart (1 meter).



Steps 2 – 3. Grasp the handrail at one end of the loop. Roll forward to form a coil along both parallel sides of the handrail.



Step 4. Roll the coil on top of itself, being careful not to let the coils slip apart. You may have to guide the end loop as it travels around with the coil.



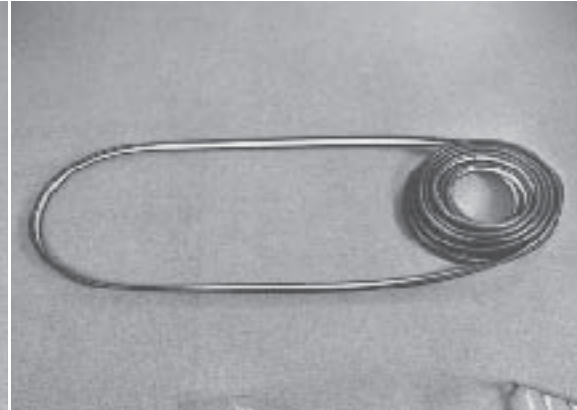
Steps 5 – 7. Continue coiling until you reach the halfway point on the handrail. Lay one coil flat on the floor; place the other coil on top of the first.



Steps 8 – 9. Repeat steps 2 – 7 from the uncoiled end of the handrail.



Step 10. When the second set of coils approaches the first set, be sure that the loop end lies against the coils already resting on the floor. This will permit the second set of coils to be laid evenly atop the first set. (If the loop end assumes a different position in relation to the first set of coils, you might want to unwind and re-coil the second end, making the coils larger or smaller so that the loop can take the proper position.)



Steps 11 – 12. Place the second two coils on top of the first two, and the job is done.



# How to Measure Escalator Handrails

How to measure the exact length you need

2

**Summary:** Multiply initial measurement (A-B) by number of full measurement (X), then add additional partial distance (n-A). D-A in the example.

**Illustration Example:**

Total Handrail Length = 88'9" + take-up adjustment  
[(3 x 25') + (1 x 13'9") + take-up adjustment]

$L = (X) \times (A-B) + (n-A)$

L = measured length of handrail

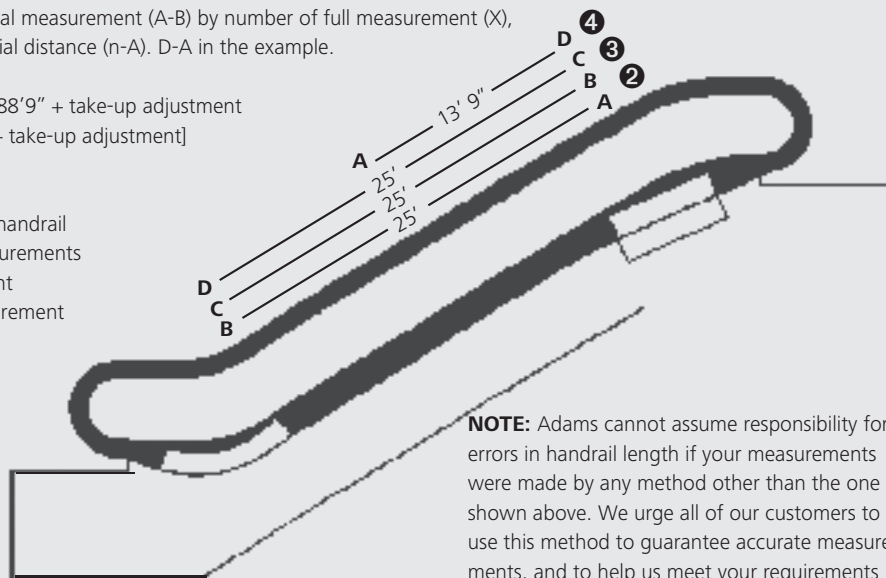
X = number of full measurements

A-B = initial measurement

n-A = final partial measurement

**IMPORTANT NOTE:**

Be sure to include the take-up adjustment in your measurements to determine final ordered length.



**NOTE:** Adams cannot assume responsibility for errors in handrail length if your measurements were made by any method other than the one shown above. We urge all of our customers to use this method to guarantee accurate measurements, and to help us meet your requirements correctly the first time.

**Use the instructions that follow to avoid errors that could cost you a great deal in lost material and time.**

1. For best results, use a fine-tip marker or crayon to mark the handrail. Tape or other wide marking devices could cause your measurements to be inaccurate.
2. Place two marks on the straight section of handrail, one near the top and one near the bottom (see START and STOP points on illustration). Carefully measure and record the distance A-B between the two marks. (On an UP unit, the START mark will be at the top, and the measurements will be made down the handrail; for DOWN units, the START mark will be at the bottom and measurements will be made up the handrail.)
3. After you record the distance A-B, set the escalator in motion until mark "B" reaches the vicinity of point A. Stop the escalator. Measure from point B a distance along the handrail equal to the distance A-B; make a new mark "C" at the end of this distance. Distance B-C should be the same as distance A-B.
4. Repeat Step #2 until START mark "A" reappears. Measure the distance between your last new mark and START mark "A"; this is distance D-A in the illustration.

5. Add the value for D-A to the sum of your other measurements; the new sum represents the total measured length of the handrail.
6. To determine total operating length (length to order), subtract, as necessary, the length of handrail taken up by the take-up adjustment as your handrail stretched with age.

**Suggestions:**

- Keep your measurements accurate by measuring only on the straight section of handrail. Measurements around bends or curves are likely to be distorted, and your final determination will almost certainly be incorrect. Before ordering the replacement handrail, inspect the take-up mechanism to ensure that proper adjustment is available after handrail installation.
- Escalator shown is in the illustration in an UP unit; the START measure mark (A) is at the top. After measurement A-B is taken, and the escalator is set in motion, point A will disappear into the escalator balustrade and point B will move toward the top. Distance B-C is the second measurement, equal to A-B. On a DOWN unit, START mark A will be at the bottom and it will disappear when the escalator is set in motion.



# Adams AE999 Handrail Splice Kit

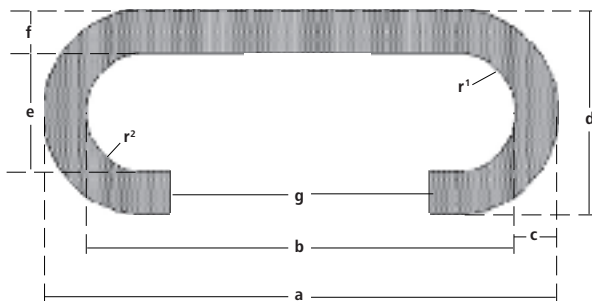
A collection of OEM-specific components to perform factory-strong splices in any handrail. Specify handrail model when ordering.

**Contents:** Slider (cotton or synthetic, 6'), 3' steel wire, 3' steel tape, 24' body plies, 12' rubber bead (5/16" dia.), 6' cover stock, 20' tie gum, 2 saddle pieces (1 7/8" x 14"), one pt. of liquid adhesive.

Part Number	Description
AE999	Handrail Splice Kit

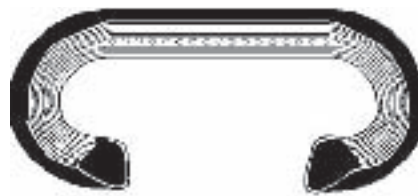
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## Replacement for Otis Handrails

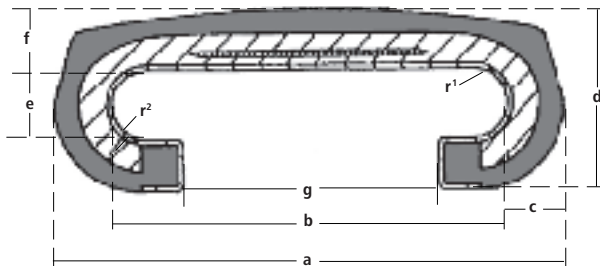


- |                           |                                    |
|---------------------------|------------------------------------|
| <b>a = 3 1/4" (82mm)</b>  | <b>f = 3/8" (10mm)</b>             |
| <b>b = 2 1/2" (63mm)</b>  | <b>g = 1 9/16" (40mm)</b>          |
| <b>c = 3/8" (10mm)</b>    | <b>r<sup>1</sup> = 1/4" (6mm)</b>  |
| <b>d = 1 7/16" (37mm)</b> | <b>r<sup>2</sup> = 3/8" (10mm)</b> |
| <b>e = 5/8" (16mm)</b>    |                                    |

Part Number	Description
OE993	Otis, Steel Cord
OE993S	Otis, Slimline



## Replacement for Hitachi Handrails



- |                                   |                                    |
|-----------------------------------|------------------------------------|
| <b>a = 3 5/32" (80mm)</b>         | <b>f = 3/8" (9.5mm)</b>            |
| <b>b = 2 13/32" (62mm, ± 3.0)</b> | <b>g = 1 9/16" (39mm)</b>          |
| <b>c = 3/8" (9mm)</b>             | <b>r<sup>1</sup> = 1/4" (7mm)</b>  |
| <b>d = 1 1/8" (28.5mm, ± 1)</b>   | <b>r<sup>2</sup> = 6/32" (5mm)</b> |
| <b>e = 7/16" (10.6mm)</b>         |                                    |

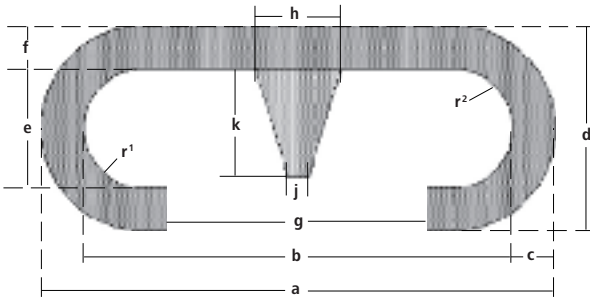
Part Number	Description
HE992	Hitachi, Extra Heavy-Duty Indoor/Outdoor for Linear Drive Systems. (Refer to no. 80NT to order.)

**IMPORTANT NOTE:** Our Otis Handrail Part Number OE993 can be used on some Hitachi escalators. Measure dimension r2 carefully before ordering.



# Replacement for Montgomery Handrails

2

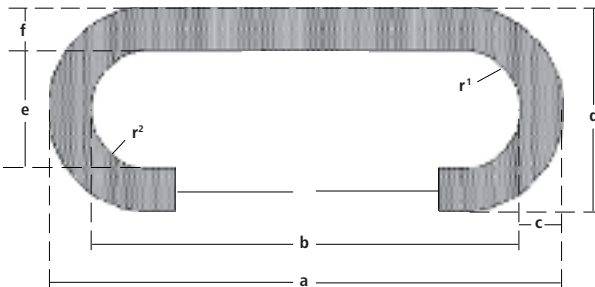


- a = 3 7/16" (88mm)
- b = 2 1/16" (68mm)
- c = 3/8" (10mm)
- d = 1 7/16" (37mm)
- e = 5/8" (16mm)
- f = 7/16" (110mm)
- g = 1 9/16" (40mm)
- h = 3/4" (19mm)
- j = 9/32" (7mm)
- k = 1 1/16" (17mm)
- r<sup>1</sup> = 1/4" (6mm)
- r<sup>2</sup> = 3/8" (10mm)

Part Number	Description
ME990	Montgomery, Cotton Duck with Steel Tape for "V" Type Models
ME995	Montgomery, Slimline for E5000
ME993	Montgomery, Cotton Duck with Steel Cords for models 68 and Crystal 2000, 3000, 4000, 5000

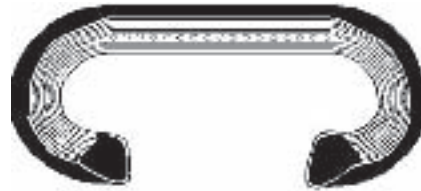


# Replacement for Haughton Handrails

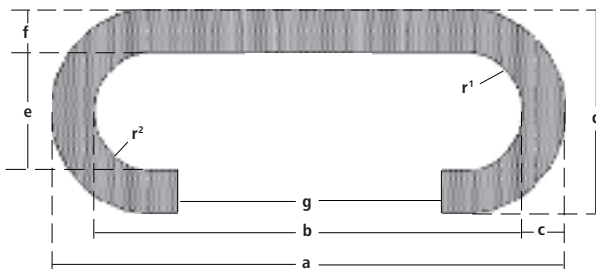


- a = 3 1/4" (82mm)
- b = 2 1/2" (63mm, ±2)
- c = 3/8" (10mm)
- d = 1 7/16" (37mm, ±1)
- e = 5/8" (16mm)
- f = 3/8" (10mm, ±1)
- g = 1 11/16" (42mm, ±2)
- r<sup>1</sup> = 1/4" (6mm)
- r<sup>2</sup> = 3/8" (10mm)

Part Number	Description
JE991	Haughton, Steel Cord



# Replacement for Schindler Handrails



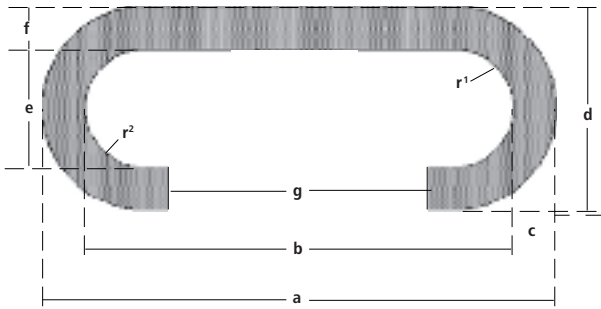
- a = 3 1/4" (82mm)
- b = 2 3/16" (60mm, ±2)
- c = 3/8" (10mm)
- d = 1 3/16" (34mm, ±1)
- e = 15/32" (12mm)
- f = 7/16" (12mm, ±1)
- g = 1 9/32" (33mm, ±2)
- r<sup>1</sup> = 1/4" (6mm)
- r<sup>2</sup> = 1/4" (6mm)

Part Number	Description
SHE-900	Schindler, Steel Cord, Low Profile
SHE-991	Schindler, Steel Cord



# Replacement for Westinghouse Handrails

## Standard Handrails



$a = 3\frac{1}{4}" (82\text{mm})$   
 $b = 2\frac{1}{2}" (63\text{mm})$   
 $c = \frac{3}{8}" (10\text{mm})$   
 $d = 1\frac{7}{16}" (37\text{mm})$   
 $e = \frac{5}{8}" (16\text{mm})$   
 $f = \frac{3}{8}" (10\text{mm})$   
 $g = 1\frac{9}{16}" (40\text{mm})$   
 $r^1 = \frac{1}{4}" (6\text{mm})$   
 $r^2 = \frac{3}{8}" (10\text{mm})$

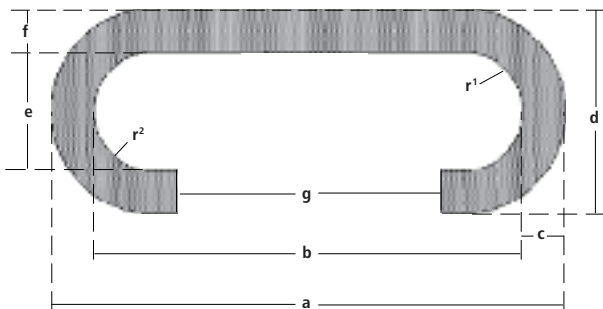
Part Number	Description
WE992	Westinghouse Standard, Tempered Steel Tape
WE993	Westinghouse Standard, Steel Cord



2

# Replacement for Westinghouse Handrail

## Low-Profile TLS Handrails



$a = 3\frac{5}{32}" (80\text{mm})$   
 $b = 2\frac{1}{2}" (64\text{mm})$   
 $c = \frac{11}{32}" (9\text{mm})$   
 $d = 1\frac{13}{32}" (29\text{mm})$   
 $e = \frac{3}{8}" (10\text{mm})$   
 $f = \frac{13}{32}" (10\text{mm})$   
 $g = 1\frac{9}{16}" (40\text{mm})$   
 $r^1 = \frac{3}{16}" (5\text{mm})$   
 $r^2 = \frac{3}{16}" (5\text{mm})$

Part Number	Description
WE995	Westinghouse Low-Profile TLS, Tempered Steel Tape
WE996	Westinghouse Low-Profile TLS, Steel Cord

**Important Note:** When ordering Thin Line Series, please indicate if escalator is Modular Models 100, 220, or 250. For Model 250, let us know if Modular Enhancement Unit is installed.



