




CLEAR-FLEX II[®]

THE WORLD STANDARD IN STRIP DOOR PRODUCTS



Setting the world standard
for clarity, quality and innovation

CLEAR-FLEX II[®]

Featuring The Maximus System[®]

Aleco's Exclusive Strip Door System

Consisting of the MaxBullet[®] Hardware
and Clear-Flex II[®] Energy-Saving Strips

Faster.

Our patented MaxBullet strip door mounting hardware has revolutionized the way strip doors are installed. Once the MaxBullet hardware is attached to a doorframe, no tools are required to attach the strips. Initial installation is 75 percent faster; strip replacement is 90 percent faster.

Cleaner.

Aleco's Clear-Flex II strips help you create a cleaner and more efficient work environment.

- Prevent movement of dust and other contaminants from one area to another.
- Save energy by minimizing loss of heated or cooled air at unprotected openings.
- Reduce noise by creating a sound barrier between areas.

Safer.

Maximize safety with Clear-Flex II's special bright orange safety strips. These strips are provided at no extra charge and when hung at the extreme right and left of the door, clearly mark the throughways to help prevent accidents.

90%
FASTER Strip
Replacement
Time

75%
FASTER Initial
Installation
Time

Quality Features of Clear-Flex II®

- Finished edges are rounded to prevent cupping and concaveness, promoting a tighter seal between strips.
- Specially fabricated to hang straight without warping, even in temperature extremes.
- Minimal maintenance.



Exclusive MaxBullet® HTP with Smooth, Night Glow Luminescent and Daylight Fluorescent Clear-Flex® Strips



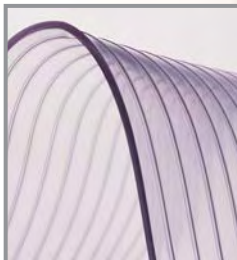
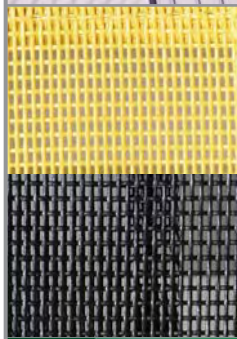



Patented Innovative Solutions for the Industrial Workplace

The Maximus System®
Fastest Installation System Available! page 8

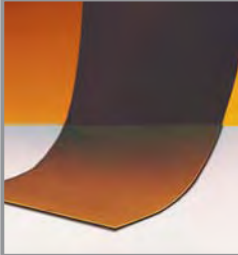


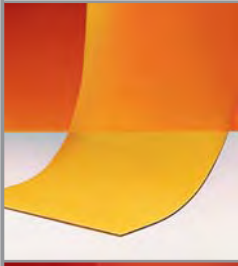
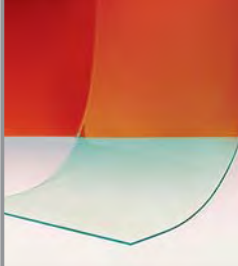

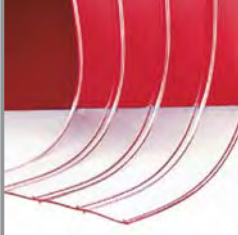


- CLEAR-FLEX II®
- SCRATCH-GUARD®
- HI-VIZ®
- MAXMAGIC
- AIR-FLEX®
- MAXIMUS SYSTEM®

Strip Formula and Types Available in complete strip doors, bulk rolls and replacement strips

| | | |
|--|--|--|
|  | <p>Scratch Guard®</p> <ul style="list-style-type: none"> Available exclusively through ALECO® Features superior scratch resistance It's non-stick surface reduces static electricity while providing an easier safer entry <p><i>See page 6 for more information</i></p> | <p>Scratch-Guard® available in Standard and Low-Temp in the following sizes:</p> <p>8" x .198 16" x .229 12" x .216</p> |
|  | <p>Air-Flex®</p> <ul style="list-style-type: none"> Available exclusively through ALECO® Allows fresh air in - keeps insects out Mesh strips made of 12 oz. PVC coated polyester for long life and durability May be alternated with clear, smooth PVC strips <p><i>See page 11 for more information</i></p> | <p>Air-Flex® available in Black or Yellow in the following sizes:</p> <p>8" x 7' 8" x 8'</p> |
|  | <p>Standard</p> <ul style="list-style-type: none"> Formulated for indoor/outdoor applications, withstanding temperatures from -10°F to 150°F Our most versatile material Will not discolor in sun light | <p>Standard available in Smooth, Scratch-Guard® or Offset Ribbed in the following sizes:</p> <p>4" x .060 (Smooth Only) 24" x .080 (Smooth Only) 48" x .060 (Smooth Only) 6" x .060 (Smooth Only) 24" x .120 (Smooth Only) 48" x .080 (Smooth Only) 8" x .080 24" x .160 (Smooth Only) 48" x .120 (Smooth Only) 12" x .080 (Smooth Only) 36" x .080 (Smooth Only) 48" x .160 (Smooth Only) 12" x .120 36" x .120 (Smooth Only) 16" x .160 36" x .160 (Smooth Only)</p> |
|  | <p>Low-Temp</p> <ul style="list-style-type: none"> For interior applications only Recommended for cooler/freezer applications and USDA inspected facilities Remains flexible in temperatures as low as -40°F | <p>Low-Temp available in Smooth, Scratch-Guard® or Offset Ribbed in the following sizes:</p> <p>4" x .060 (Smooth Only) 12" x .120 6" x .060 (Smooth Only) 16" x .160 8" x .080 48" x .080 (Smooth Only) 12" x .080 (Smooth Only)</p> |
|  | <p>Low-Temp Reinforced</p> <ul style="list-style-type: none"> Utilizes nylon string within the material to prevent elongation or shrinkage of material due to temperature variations For interior applications only Remains flexible in temperatures as low as -40°F Best for cooler/freezer applications Meets requirements for food service operations and USDA inspected facilities | <p>Low-Temp Reinforced available in the following sizes:</p> <p>6" x .060 12" x .120 8" x .080 16" x .160</p> |



| | | | | | | |
|---|--|--|-----------|------------|------------|------------|
|  | <p>Dark Amber</p> <ul style="list-style-type: none"> • For welding screen applications or as a partial sight barrier <p><i>See our Safe/Vue product literature for more information</i></p> | <p>Dark Amber available in Smooth Only in the following sizes:</p> <table border="0"> <tr> <td>8" x .080</td> <td>12" x .120</td> </tr> <tr> <td>12" x .180</td> <td>48" x .080</td> </tr> </table> | 8" x .080 | 12" x .120 | 12" x .180 | 48" x .080 |
| 8" x .080 | 12" x .120 | | | | | |
| 12" x .180 | 48" x .080 | | | | | |
|  | <p>Aztec Orange</p> <ul style="list-style-type: none"> • Best for welding screen applications or as a partial sight barrier <p><i>See our Safe/Vue product literature for more information</i></p> | <p>Aztec Orange available in Smooth Only in the following size:</p> <p>48" x .080</p> | | | | |
|  | <p>Opaque</p> <ul style="list-style-type: none"> • Black Only • Use for conveyor opening curtains or as a total sight barrier between areas • Not recommended for areas where motorized traffic might be present | <p>Opaque available in Smooth Only in the following sizes:</p> <table border="0"> <tr> <td>8" x .080</td> <td>12" x .120</td> </tr> </table> | 8" x .080 | 12" x .120 | | |
| 8" x .080 | 12" x .120 | | | | | |
|  | <p>Ambertech™</p> <ul style="list-style-type: none"> • Anti-insect and anti-glare • Restricts most flying insects ability to detect attracting lights and heat • Reduces blinding daytime glare • Same physical properties as Standard | <p>Ambertech™ available in Smooth Only in the following sizes:</p> <table border="0"> <tr> <td>8" x .080</td> <td>12" x .120</td> </tr> </table> | 8" x .080 | 12" x .120 | | |
| 8" x .080 | 12" x .120 | | | | | |
|  | <p>Anti-Static</p> <ul style="list-style-type: none"> • Reduces static electricity from objects or persons, dissipating it back into the atmosphere • For use in clean rooms, computer component assembly areas, etc. • User should determine suitability of this product for its intended use • Light green tint for identification only | <p>Anti-Static available in Smooth Only in the following sizes:</p> <table border="0"> <tr> <td>8" x .080</td> <td>12" x .120</td> </tr> </table> | 8" x .080 | 12" x .120 | | |
| 8" x .080 | 12" x .120 | | | | | |
|  | <p>Specialty Colors</p> <ul style="list-style-type: none"> • Three transparent colors to liven up the work-place, designate entrance ways or match corporate colors • Blue, Green or Beige | <p>Specialty Colors available in Smooth Only in the following sizes:</p> <table border="0"> <tr> <td>8" x .080</td> <td>12" x .120</td> </tr> </table> | 8" x .080 | 12" x .120 | | |
| 8" x .080 | 12" x .120 | | | | | |
|  | <p>Offset Ribbed</p> <ul style="list-style-type: none"> • Offset ribbed material reduces scratching and abrasions from heavy use • Lasts longer • Provides a stronger seal than smooth material | <p>Offset Ribbed available in Standard and Low-Temp in the following sizes:</p> <table border="0"> <tr> <td>8" x .080</td> <td>16" x .160</td> </tr> <tr> <td>12" x .120</td> <td></td> </tr> </table> | 8" x .080 | 16" x .160 | 12" x .120 | |
| 8" x .080 | 16" x .160 | | | | | |
| 12" x .120 | | | | | | |

Scratch-Guard®

Exclusively by ALECO®

Aleco® strip doors utilizing Scratch-Guard® material last longer, save more energy and improve visibility.

- **SUPERIOR SCRATCH RESISTANCE**
Stays clearer longer than any other strip door
- Increases long-term visibility
- Non-stick surface reduces static electricity and provides easier, safer entry
- Provides maximum insulative value while reducing total weight
- Available in **standard and low-temp formulations**
- Bulk rolls available for the do-it-yourselfer
- Replacement strips for existing hardware applications



Specifications and Properties

Strip Size and Overlap Section Guide

When choosing strip sizes and overlaps, consider the following points:

- For taller doors, the strips should be heavier and wider
- Smaller width strips are easier to pass through than the wider strips
- When air movement is a problem, choose the wider strip with full overlap

For Special Applications consult factory.

| WIDTH/ GAUGE | PERCENT OVERLAP | INTERIOR DOORS | EXTERIOR DOORS |
|-----------------|--------------------|-------------------|-------------------|
| 4" x .060 | Partial (50%) | 4' | - |
| 4" x .060 | Full (100%) | 4' | - |
| 6" x .060 | Partial (66%) | 7' | - |
| 6" x .060 | Full (100%) | 7' | - |
| 8" x .080 | Partial (50%) | 10' | 7' |
| 8" x .080 | Full (100%) | 10' | 7' |
| 12" x .120 | Partial (66%) | 12' | 8' |
| 12" x .120 | Full (100%) | 14' | 10' |
| 16" x .160 | Partial (75%) | 16' | 12' |
| 16" x .160 | Full (100%) | 20' | 18' |

Stripping Physical Properties

| PROPERTY | ASTM TEST METHOD | DIN TEST METHOD | Formulation | | |
|-------------------------------|---------------------|--------------------|-------------|----------|----------|
| | | | UNIT | STANDARD | LOW-TEMP |
| Hardness Shore A (15 sec.) | D-2240 | 53505 | | 84 | 78 |
| Tensile Strength @ break | D-638 | 53455 | PSI | 2610 | 2333 |
| Elongation @ break | D-638 | 53455 | % | 302 | 317 |
| Tear Resistance | D-1004 | 53515 | lb / in. | 324 | 272 |
| Cold Temperature Resistance | D-746 | 53372 | °F | -36° | -76° |
| Light Transmittance | Hunter | ----- | % | 2.82 | 3.94 |
| Weather Resistance @ 500 hrs. | QUV | 53384 | Delta E | 4.31 | 36.75 |
| Flammability | D-2863 | ----- | 19 | 19 | 19 |

Note:
Our PVC material is fire-resistant, self-extinguishing, and is registered with the California State Fire Marshall's Office.

Light Transmission Properties

PERCENTAGE LIGHT TRANSMISSION (%)
NANOMETERS, (NM)

| WAVELENGTH | PERCENT OF TRANSMISSION | | | |
|--------------|-------------------------|-------|--------------|-------|
| | Dark Amber | | Aztec Orange | |
| | .080" | .120" | .080" | .120" |
| 220 - 492 nm | <0.1 | <0.1 | <0.1 | <0.1 |
| 492 - 560 nm | 19.5 | 9.0 | 6.0 | 2.0 |
| 628 nm | 24.5 | 13.0 | 83.0 | 78.0 |
| 696 nm | 29.0 | 16.0 | 83.0 | 78.0 |
| 764 nm | 32.5 | 19.0 | 89.0 | 86.0 |
| 832 nm | 35.5 | 21.5 | 89.0 | 86.0 |
| 900 nm | 37.5 | 24.0 | 90.0 | 88.0 |

(results obtained by use of a Beckman
DU-50 spectrophotometer)

| THE ELECTROMAGNETIC SPECTRUM | |
|------------------------------|----------|
| WAVELENGTH | TYPE |
| 100 to 280 nm | UV-C |
| 280 to 315 nm | UV-B |
| 315 to 400 nm | UV-A |
| 400 to 770 nm | VISIBLE |
| 770 to 15,000 nm | INFRARED |

Sound Transmission Noise Data*

(Sound Transmission Class 13)

| FREQ. TRANS. (HERTZ) | FREQ. LOSS (dB) | TRANS. (HERTZ) | LOSS (dB) |
|-------------------------|--------------------|-------------------|-----------|
| 100 | 6 | 800 | 11 |
| 125 | 8 | 1000 | 1250 |
| 160 | 7 | 1250 | 14 |
| 200 | 8 | 1600 | 14 |
| 250 | 9 | 2000 | 15 |
| 315 | 10 | 2500 | 16 |
| 400 | 10 | 3150 | 16 |
| 500 | 10 | 4000 | 17 |
| 630 | 11 | 5000 | 17 |

*For 12" x .120" Standard Smooth,
full 100% overlap in actual use rather
than laboratory conditions. Results may
vary depending on application and
thickness of material.

The Maximus System[®]

Aleco's Exclusive Strip Door System Featuring the MaxBullet[®] Hardware and Clear-Flex II[®] Energy-Saving Strips

- Patented one-piece system includes a unique bullet-shaped locking feature for easy snap-on/snap-off strip replacement that requires no tools!
- Save significant labor costs by reducing strip installation times by as much as 75%
- Reduce strip replacement times by as much as 90%

• **LIFETIME GUARANTEE** on all MaxBullet[®] hardware

- MaxBullet[®] Aluminum
- MaxBullet[®] Stainless Steel
- MaxBullet[®] HTP Silver
- MaxBullet[®] HTP Fluorescent

- Mounts on side-wall or under lintel



Faster. Cleaner. Safer.



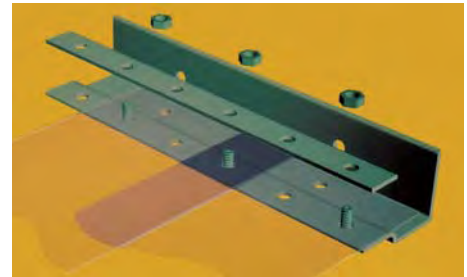
Interlocking
HTP Hardware

Universal Mounting

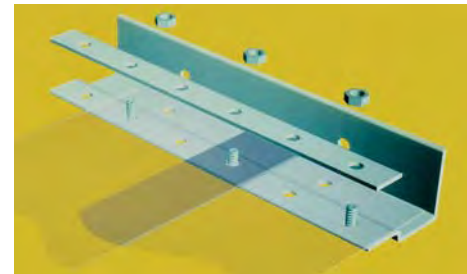
Aleco's exclusive universal mounting system is available in your choice of **aluminum or galvanized steel**. All mounting holes are pre-drilled and all fasteners, except those needed to attach our mounting system to the existing building material, are supplied.

This innovative system, consisting of a specially designed angle and face plates, allows the Clear-Flex II® Strip Door to be mounted in either the lintel (inside frame, underheader) or side wall (header) position (note diagrams this page).

Each PVC strip is secured between the vertical side of the angle and one foot face plate sections. Worn or damaged strips may be easily replaced by simply removing the necessary number of face plate sections, replacing the appropriate strips and reattaching the face plates.



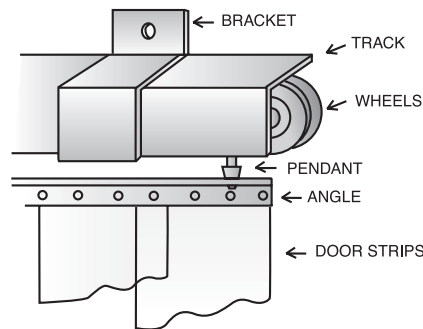
Universal Galvanized



Universal Aluminum

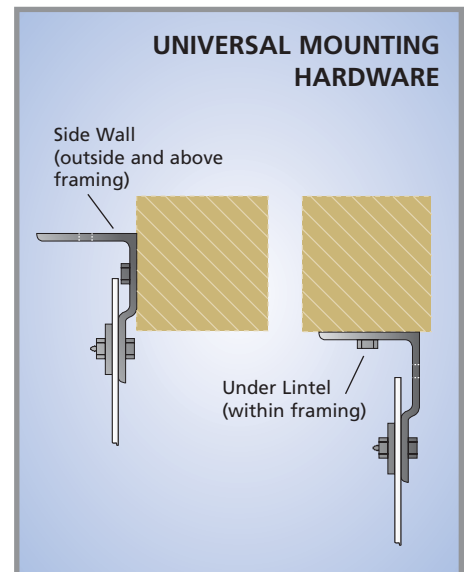
Horizontal Slide Kit

Clear-Flex II® Strip Doors may be attached to a galvanized steel trolley system enabling the user to slide the strip door away from the doorway, thus allowing unobstructed traffic. Allow sufficient wall space for curtain storage on either side of the door as needed. Side wall mounted only.



Offset Bracket Kit

Enables Clear-Flex II® Strip Doors to be mounted on inside of buildings in conjunction with conventional overhead (roll-up) doors. Bracket projects 8" and is designed to be welded or bolted into place. Brackets must be positioned so as to not interfere with normal door operations. Horizontal cross member required, but supplied by others. Safety orange replacement strips (8" x .080 x 14" long) may be attached to bracket projection for 3-sided enclosure. Field trim to desired length.



HI-VIZ® Safety Products Exclusively from ALECO®

Brightly outlines any strip door opening in daylight or darkness ensuring safe traffic flow.

HI-VIZ® Safety Side Strips

Available in daylight fluorescent or night glow luminescent material.

Mounting Hardware

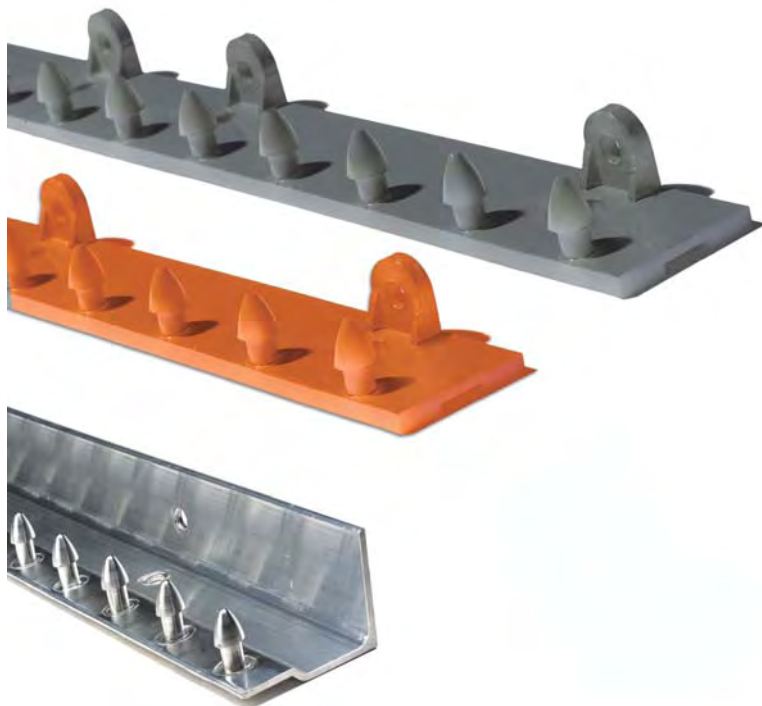
MaxBullet® HTP HI-VIZ® mounting hardware is available in daylight fluorescent material for extra safety. Lifetime Guarantee

Safety Rings

The most cost efficient HI-VIZ® product.

Available in both fluorescent and luminescent material.

Indicates the top of the door opening in low or no light conditions when placed on the studs of the MaxBullet® hardware.



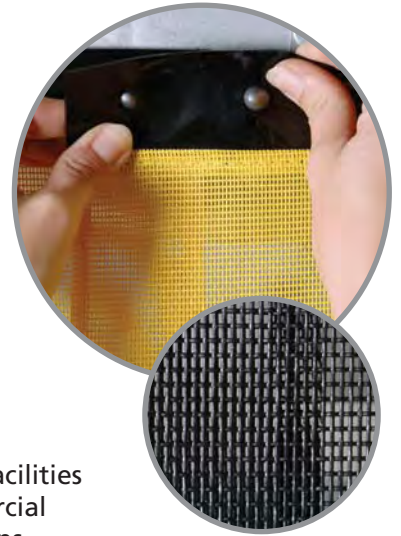
HI-VIZ® Safety Strips and Safety Rings can be installed on ALL Maximus System® hardware options:

- MaxBullet® Aluminum
- MaxBullet® Stainless Steel
- MaxBullet® HTP Silver
- MaxBullet® HTP Fluorescent

Air-Flex® Insect Barrier

Mesh strips lets fresh air in – keeps bugs out!

- Easily installed using our exclusive, patented MaxBullet® HTP Silver mounting hardware
- Available in 8" wide Black or Safety Yellow strips and may be alternated with clear strips
- Perfect for:
 - Back doors of restaurants, cafeterias and food prep facilities
 - Personnel doors at commercial and manufacturing locations
 - Open air concessions at parks, sports arenas and other outdoor facilities
 - Any open area where flying insects are a pest



Available in
Black or Yellow

8" wide x 7'
8" wide x 8'

MaxMagic™ Template Kit

Greatly simplifies the process of cutting bulk roll material into individual door strips.

- Fabricated of rust-free stainless steel for years of service.
- Easy to use marking and cutting directions are permanently etched directly on the template so they are never misplaced.
- **Patented safe start drill bit**
Won't twist or tear material. A perfect hole every time!
- Kit includes template and drill bit only

