

H i g h P e r f o r m a n c e E x h i b i t S y s t e m s

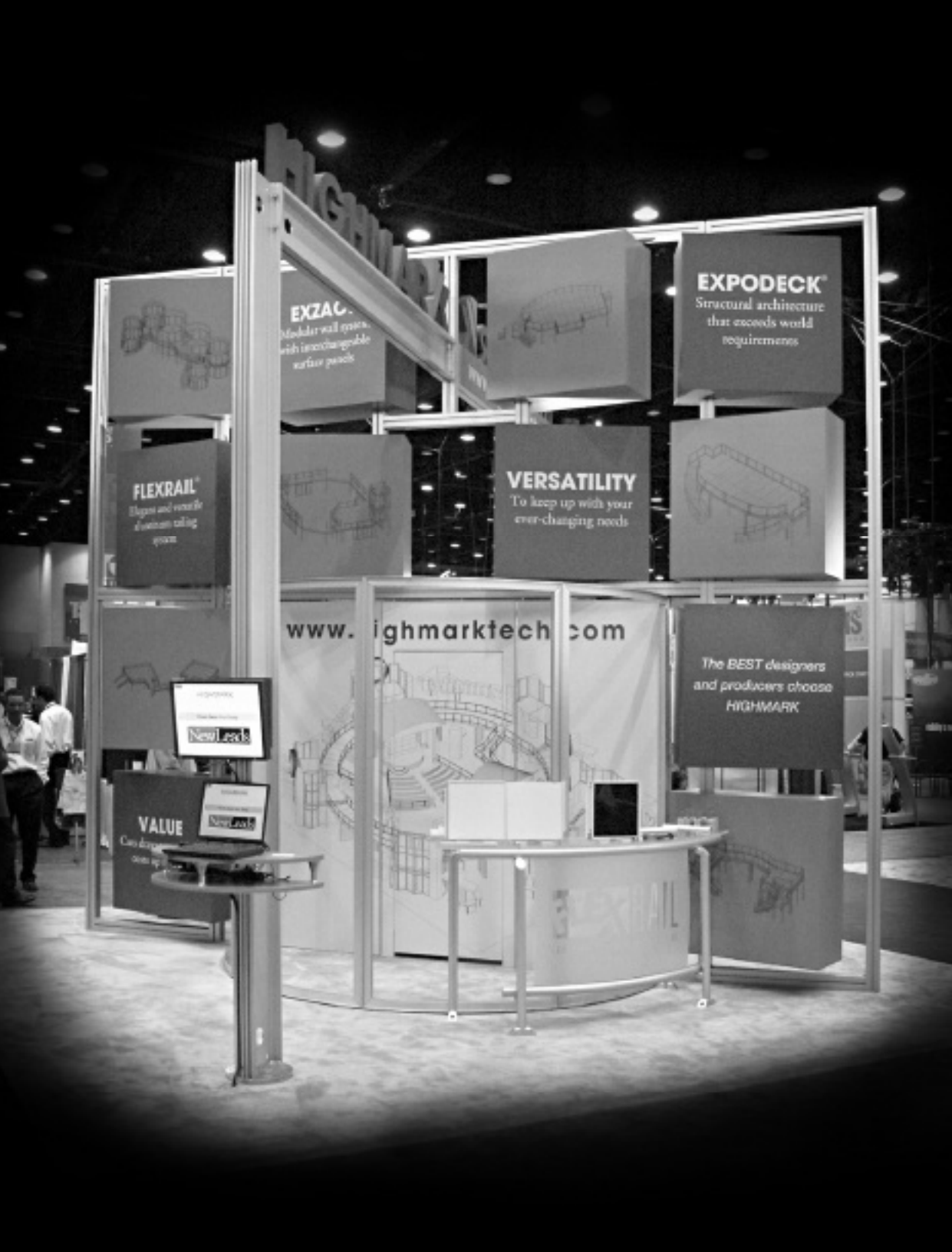


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FLEXRAIL®

M o d u l a r H a n d r a i l T e c h n o l o g y



FLEXRAIL®

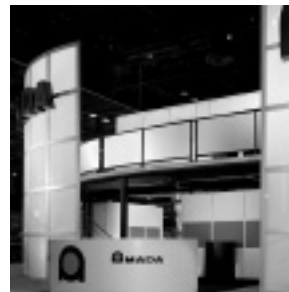
FlexRail is an elegant, modular handrail technology with few parts. The same baluster assembly can be used on decks, staircases, and ADA compliant ramps. A swivel connection to the horizontal rail allows unlimited flexibility. FlexRail meets UBC and BOCA codes.

This unique railing system was developed to meet the specific need for a versatile modular railing system to be used within double deck exhibit environments and other similar safety barrier applications. With its unsurpassed structural simplicity, ease and speed of installation, design versatility and aesthetic appeal, along with having been engineered to exceed the most stringent load requirement worldwide, FlexRail provides a solution to a long standing necessity for an industry specific railing system.

As with most innovative products, this railing system is not limited to the originating industry. It finds its use in a variety of applications, such as retail, museum, office, playgrounds, and practically all public access environments. The availability of custom bends, and the ability to customize and interchange infill panels, frees the designer to be creative. FlexRail's main component, clear anodized 2" diameter extrusion, can also be used for graphic presentations. Let your imagination run wild.

FlexRail properties were designed to be integrated into ExpoDeck for multi-level exhibits.

Send us a concept sketch and we will engineer a FlexRail solution to your design.



FEATURES AND BENEFITS

Structural Simplicity and Reusability

- > Only two aluminum extrusions.
- > Single baluster with swivel connector works with decks, staircases and ADA compliant ramps.
- > Single connector for any angle, miter or straight connection.

Speed of Installation

- > I&D savings up to 80%.
- > Shipped pre-assembled, large sections of handrail are installed in minutes.

Completely Modular

- > Unlimited design possibilities.
- > Continuous T-nut slot -no limit to baluster spacing.
- > Swivel connector accommodates any slope.
- > Can accommodate any infill panel material up to 3/8" thick.

Code Compliant

- > FlexRail meets or exceeds all U.S. code requirements including BOCA and UBC.

Aesthetics

- > Architectural elegance and uniqueness sets FlexRail apart as high end design solution.
- > Provision for a soft grip elastomer accent of different colors.
- > Tension cable option.

Low Cost Changes

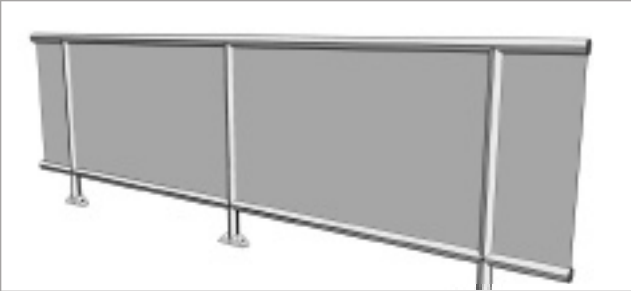
- > Complete re-configuration can be economically achieved by the replacement of the top and bottom rail extrusion if necessary.

Lifetime Warranty

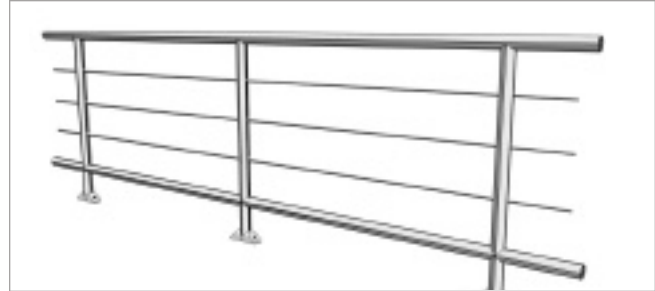
- > Eliminates replacement costs.



HAND RAIL ASSEMBLY



FlexRail with acrylic infills



FlexRail with aluminum rods

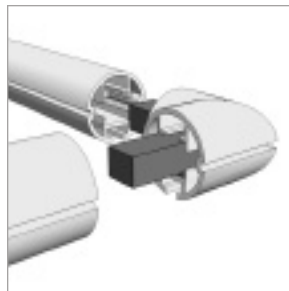


Infill Channel

Infill panels up to 3/8" thick are retained in the T-slot groove of the handrail and support rail. Custom infill channels allowing 1/4" infill material to be used. These can range from glass, acrylic, perforated metal, or any other custom material.



Corner Adapter



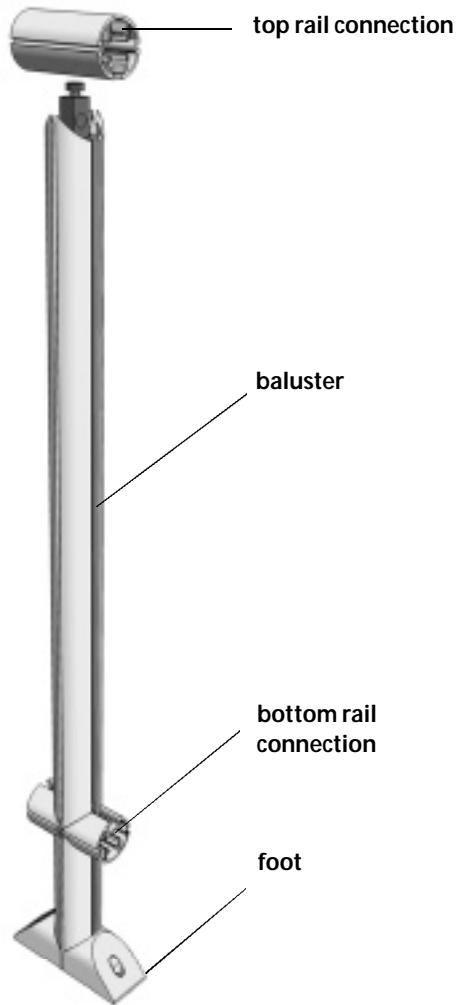
Corner Connection



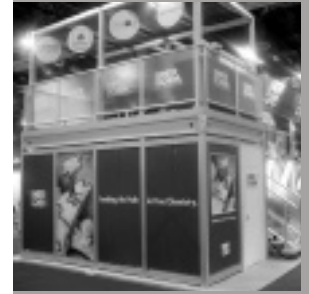
Inline Connection

The inline connector enables both in-line, corner, and variable angle connections using just one part.

STANDARD BALUSTER ASSEMBLY



Foot to deck Connection



Highmark Technologies

8333 Clinton Park Drive

Fort Wayne, IN 46825

260-483-0012

www.highmarktech.com