



FLEX+ PEDESTRIAN GUARD



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PERFORMANCE BY DESIGN

FLEX+ is a high-performance system, engineered with purpose – built to absorb, adapt, and deliver protection where it matters most.

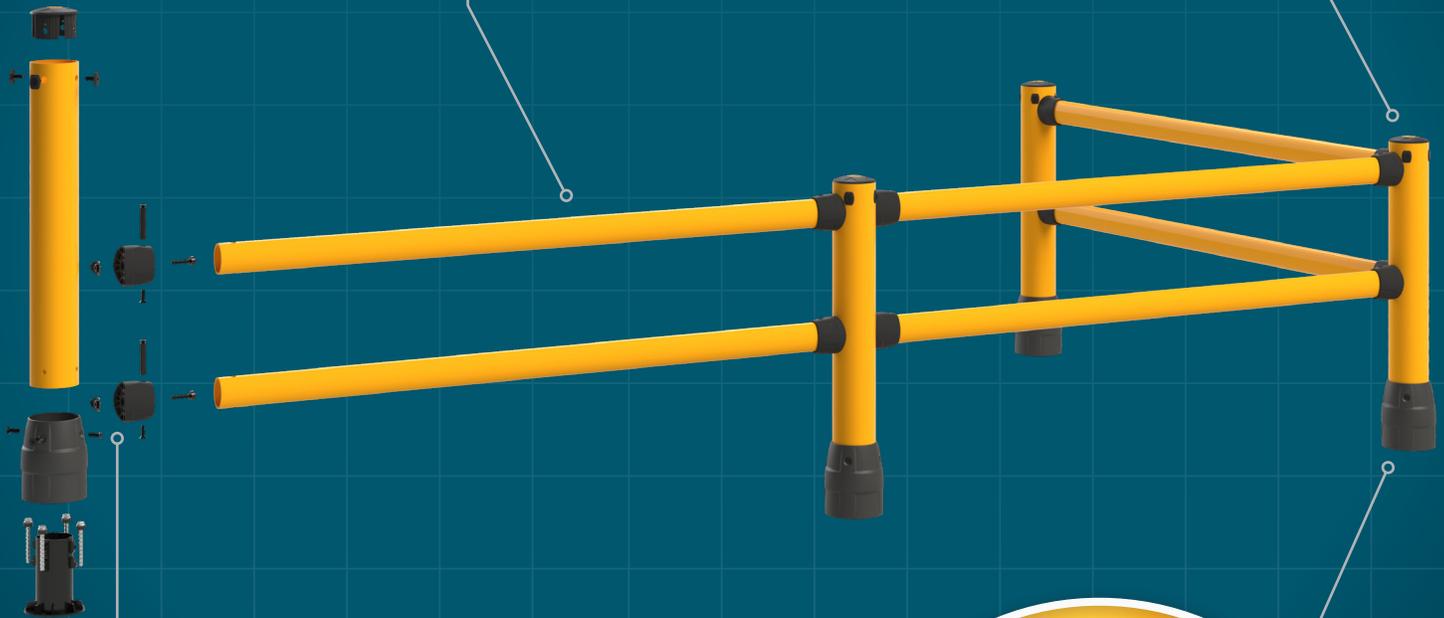
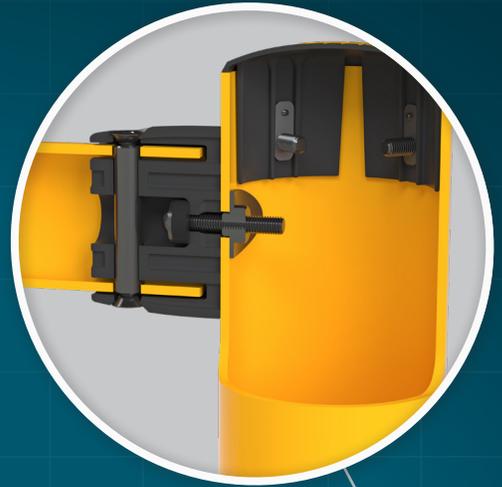
RAILS OPTIMIZED FOR PERFORMANCE

Elliptical rails are designed to flex and return to shape – delivering the ideal balance of coverage and energy absorption.



PRECISION-ENGINEERED CONNECTIONS

Inside every post: FlexLink impact absorption and FastFit modular inserts – built to absorb impacts and hold strong.



SMART CONNECTIONS, BUILT TO FLEX

FlexLink Connector Technology absorbs impacts and distributes force through the system.

POLYCORE BASE: GROUNDED IN STRENGTH

The PolyCore Base anchors securely to the ground – combining internal strength with a durable, impact-resistant exterior.



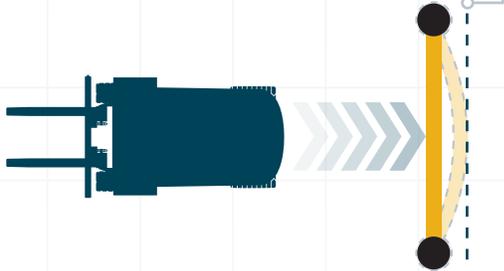
IMPACT TEST RESULTS

Documented performance from standardized testing.

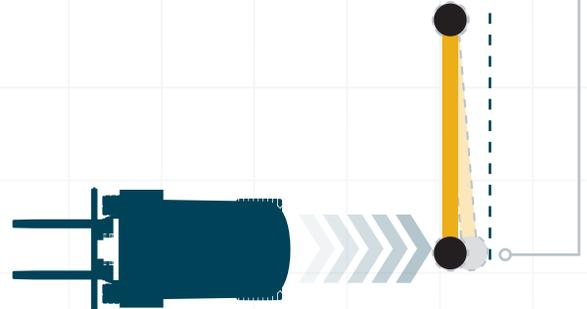
MIDSPAN ENERGY ABSORPTION AT 90°
3,463 J

UPRIGHT ENERGY ABSORPTION AT 90°
7,050 J

MIDSPAN DYNAMIC PENETRATION
20.5" | 411 mm



UPRIGHT DYNAMIC PENETRATION
9.88" | 251 mm



ENERGY EQUIVALENCE BY EQUIPMENT TYPE

$$\frac{1}{2} \text{ MASS } \times \text{ VELOCITY}^2 = \text{ENERGY}$$

Values shown reflect the kinetic energy of real equipment impacts.



ELECTRIC PALLET JACK

MASS & VELOCITY	
IMPERIAL	3,000 lb 5.05 mph
METRIC	1,361 kg 8.12 kmh



WALKIE RIDER

MASS & VELOCITY	
IMPERIAL	6,000 lb 3.57 mph
METRIC	2,722 kg 5.74 kmh



FORKLIFT

MASS & VELOCITY	
IMPERIAL	10,000 lb 2.76 mph
METRIC	4,536 kg 4.45 kmh

MATERIAL PROPERTIES

	Working Temperatures	32°F-130°F (0°C-54°C)		Toxicity	Not Hazardous
	Flammability	Does Not Easily Ignite		Recyclability	Fully Recyclable

PRODUCT SPECIFICATIONS & PURCHASING YOUR PRODUCT

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Hardware included.

