



# FLEX+ GUARDRAIL



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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.

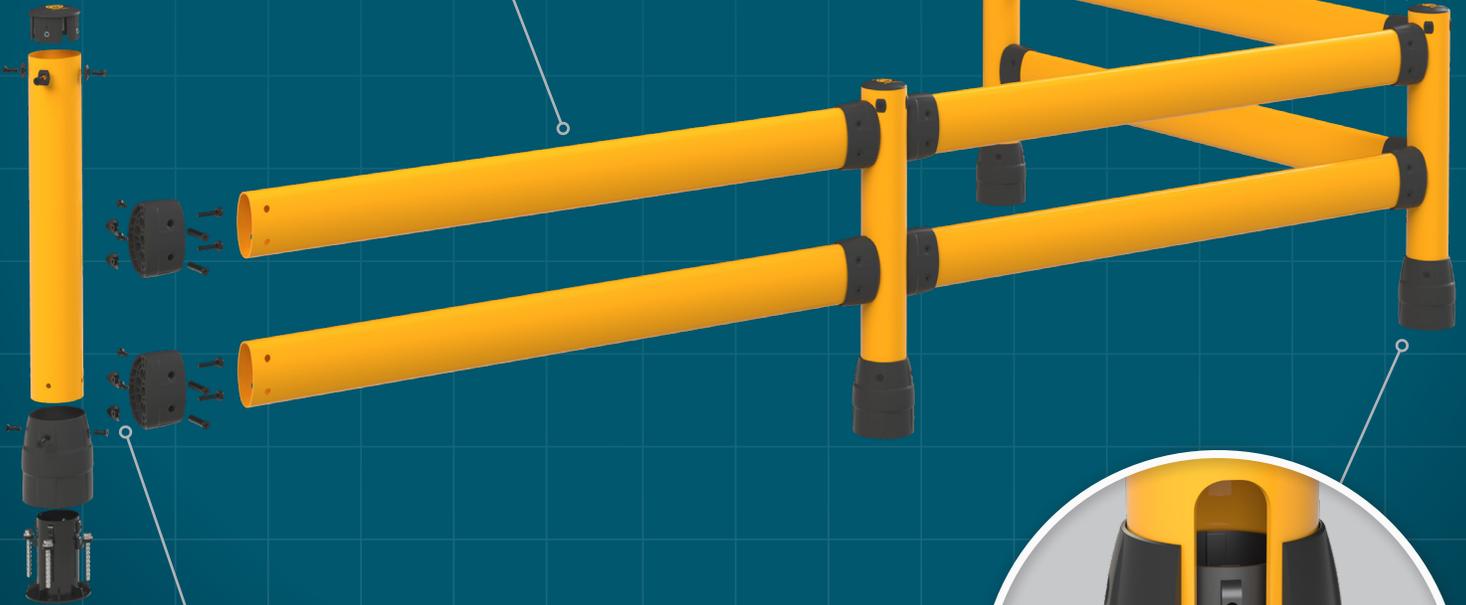
## RAILS OPTIMIZED FOR PERFORMANCE

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.

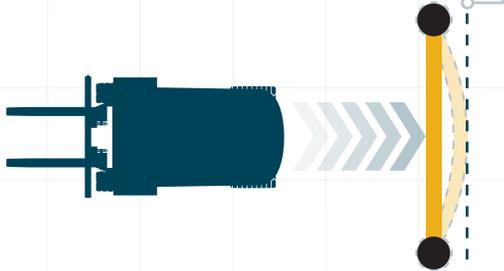


# IMPACT TEST RESULTS

Documented performance from standardized testing.

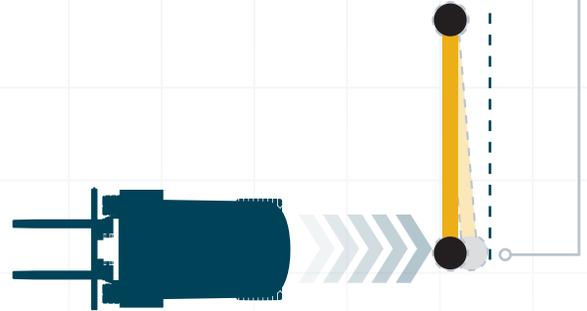
**MIDSPAN ENERGY ABSORPTION AT 90°**  
**7,055 J**

**MIDSPAN DYNAMIC PENETRATION**  
**16.2" | 411 mm**



**UPRIGHT ENERGY ABSORPTION AT 90°**  
**7,050 J**

**UPRIGHT DYNAMIC PENETRATION**  
**9.88" | 251 mm**



## ENERGY EQUIVALENCE BY EQUIPMENT TYPE

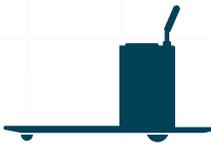
$$\frac{1}{2} \text{ MASS } \times \text{ VELOCITY}^2 = \text{ENERGY}$$

Values shown reflect the kinetic energy of real equipment impacts.



**ELECTRIC PALLET JACK**

MASS & VELOCITY	
IMPERIAL	<b>3,000 lb</b> <b>7.20 mph</b>
METRIC	<b>1,361 kg</b> <b>11.6 kmh</b>



**WALKIE RIDER**

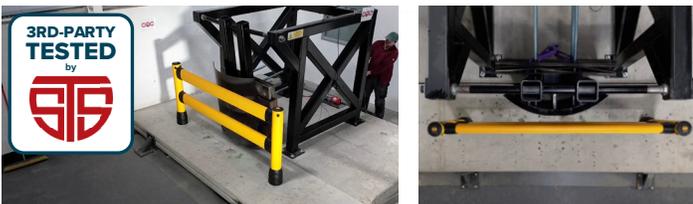
MASS & VELOCITY	
IMPERIAL	<b>6,000 lb</b> <b>5.09 mph</b>
METRIC	<b>2,722 kg</b> <b>8.20 kmh</b>



**FORKLIFT**

MASS & VELOCITY	
IMPERIAL	<b>10,000 lb</b> <b>3.95 mph</b>
METRIC	<b>4,536 kg</b> <b>6.35 kmh</b>

## 3RD PARTY TESTED



CLICK OR SCAN TO SEE THE THIRD-PARTY TESTING FOOTAGE

## MATERIAL PROPERTIES

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

# PRODUCT SPECIFICATIONS & PURCHASING YOUR PRODUCT

## FLEX+ GUARDRAIL

Hardware included.

