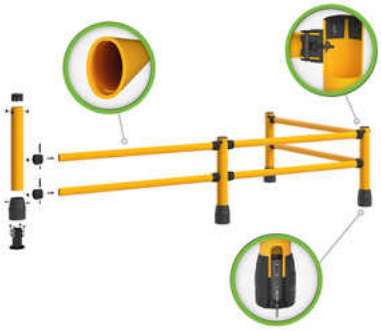
BLACK BULL FLEX+ impact protection railing, Polymer, black/yellow, S-Line corner extension

Flexible crash protection railing S-Line

The BLACK BULL FLEX+ crash protection railing S-Line protects wherever pedestrians, internal traffic and work areas meet. It ensures safe separation of walkways, driveways and work areas and is used in warehouses, production and logistics along traffic routes, picking areas and workstations. The focus is on clearly visible demarcation between traffic routes and work zones.

Instead of rigid barriers, the system relies on controlled absorption: In the event of an impact, the railing absorbs energy, distributes forces across the entire protective line and then returns to its original shape automatically. This maintains the protective function and visibility - even after contact.

What happens in detail on impact



Crossbars & posts

The polymer crossbars of the S-Line form a clearly visible, continuous protective line at an ergonomic height. They cushion the impact, absorb energy and prevent vehicles from entering pedestrian areas in an uncontrolled manner. The posts absorb the transmitted forces and ensure stability along the entire protective line. Result: Increased personal protection, less risk of injury, safe working areas.

Connections & junctions

The FlexLink connection technology ensures that forces are distributed evenly rather than acting at specific points. This relieves the load on individual components as well as the floor and anchor points. Result: Permanently stable protection lines without loose posts or ground damage.

Base

The FLEX+ Base connects the posts to the Base ground anchor and forms an impact-resistant outer shell. It protects the internal screw connection and prevents damage to the tires of industrial trucks. The result: high suitability for everyday use and reduced maintenance.

Base floor anchor

The FLEX+ Base floor anchor combines robust anchoring in concrete with force-absorbing rubber dampers. This design reduces the load on the screw connection, protects the ground and ensures a permanently stable attachment - even with repeated approaches.

Multiple impacts? No problem.

FLEX+ is made for everyday use. The system remains functional, especially after repeated bumps. No permanent deformation. Durable plastic thanks to high elasticity. This significantly reduces downtimes and follow-up costs.

Typical application scenarios for the FLEX+ S-Line crash barrier

The S-Line is particularly suitable for areas with high pedestrian traffic: Separation of walkways and traffic areas, protection of workstations along forklift routes, picking, packing, assembly and crossing areas. A typical example is a warehouse or production area with busy walkways along traffic routes. The FLEX+ S-Line impact protection railing creates clear structures and can be flexibly adapted or extended - seamlessly integrated into a holistic FLEX+ protection concept.

Important note: The information is based on manufacturer data as well as practical experience. For legally compliant use, the applicable regulations, standards, and codes as well as local conditions must always be taken into account. Technical changes, printing errors, and mistakes are reserved.

Properties

Application Area	Inside
Base Plate (Dimensions)	Ø850 × 6,4 mm
Certificate	PAS 13:2017
Colour	yellow / black
Crossbar (length)	2260.6 mm
Design	S-Line
Drill hole spacing	110 × 110 mm
Fixing Holes Diameter	18 mm
Fixture	For doweling
Hazardous Goods	no
Height (Overall)	1170 mm
Main Material	Polypropylene (PP)
Material 2	Metal
Temperature Resistant	0 - 54 °
Test load	3463 J
Weight (gross)	21.72 kg

Accessories & Add-ons

	Category	Text	Quantity
	Consists of	BLACK BULL FLEX+ Base	1
	Consists of	BLACK BULL FLEX+ Base floor anchor	1
	Consists of	BLACK BULL FLEX+ concrete screw	4
	Consists of	BLACK BULL FLEX+ connector crossbar S- & High-Line	4
	Consists of	BLACK BULL FLEX+ Crossbar S- & High-Line	2
	Consists of	BLACK BULL FLEX+ post S-Line corner	1

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	Category	Text	Quantity
	Consists of	BLACK BULL FLEX+ cover cap	1

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