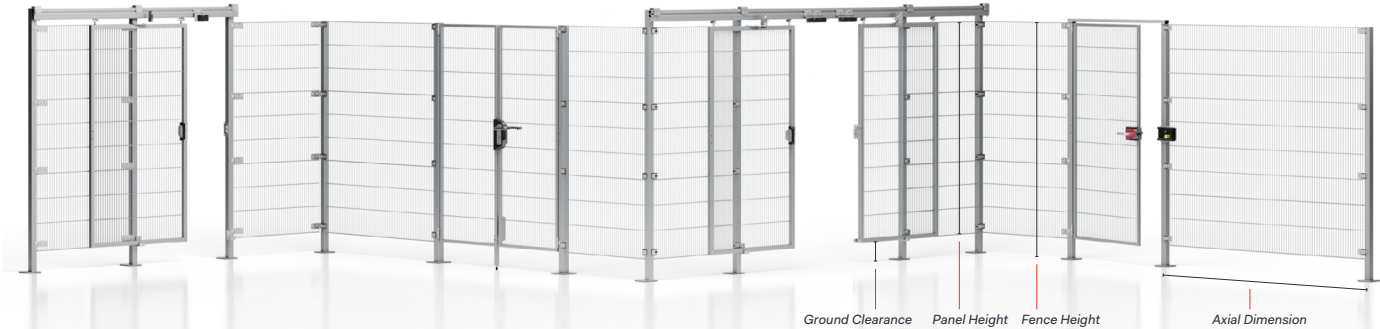




PRODUCT INFORMATION

# Protective Fence System Flex

## The simplest protective fence system



### Flexible, efficient, perfected



Especially simple and modular



Absolutely cost-effective



All standard colours available



3D model provided with your enquiry



In stock and ready for quick dispatch

*Flex* is a simple, perfected, and flexible fencing system consisting of standard mesh elements and posts, which can be combined with various Brühl doors. The modular concept allows for optimal adaptation to different operational requirements and can be individually shortened on-site. *Flex* is part of our **FastLine** product range – with *FastLine* products, we enable short delivery times through optimised manufacturing processes and high stock availability.

With your quotation, you will receive a free, detailed 3D model of your protective enclosure via *ProService*. Need further support? For maximum efficiency and safety, you can easily and flexibly book our additional services: *ProTrim*, *ProDesign*, and *ProMeasure*.

Please note: the additional service packages will extend the delivery time.



**ProTrim**  
Precision cutting of mesh elements



**ProDesign**  
Custom technical planning



**ProMeasure**  
Consultation and on-site measurement

## Your Custom Flex Safety Fence Ready for quick dispatch with *FastLine*

Combine our high-quality *FastLine* mesh panels, posts, and doors to create your own *Flex* safety fence. *FastLine* products are stock items, ensuring particularly fast and cost-effective delivery. **Independent of *FastLine*, Flex mesh panels and all other compatible doors are also available in different sizes. You can find the complete overview on our website.**

### Technical Data Flex *FastLine* Safety Fence System

#### Mesh panels ground clearance 175mm, dimensions in mm

Construction type	Fence height	Panel height	Panel width b (Axial dimension - Post profile - 20 mm)							
SF2	1400	1225	-	-	-	1430	-	-	1936	-
SF2	1600	1425	-	-	-	1430	-	-	1936	-
SF2	1800	1625	924	-	-	1430	-	-	1936	2143
SF2	2000	1825	924	1131	1338	1430	1545	1729	1936	2143
SF2	2200	2025	924	1131	1338	1430	1545	1729	1936	2143
SF2	2400	2225	-	-	-	1430	-	-	1936	-

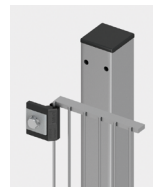


The slotted mesh size of 20 x 200 mm allows a safety distance of only 120 mm from potential hazards. Thanks to horizontally arranged flat bars, large distances of 2200 mm between the posts are easily achievable.

Without the need for additional conversion kits, you can shorten the *FastLine* mesh panels to your desired width – depending on the mesh size in 23 mm increments.

#### Post specifications in mm

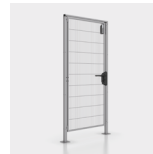
Construction type	Dimension	Description	Height	Base plate
DP	QR50	Passage post	1400, 1600, 1800, 2000, 2200, 2400	130 x 130 60 x 130
EP	QR50	Corner post	1400, 1600, 1800, 2000, 2200, 2400	130 x 130
TP	QR50	T-joint post	1400, 1600, 1800, 2000, 2200, 2400	130 x 130



For straight and angled fence lines up to 30 degrees, passage posts are used, as well as for inner corners. Outer corners are realised with corner posts, and a T-joint fence layout is realised with T-joint posts. The base plates are centrally aligned.

#### Swing Gate, Alternating Specifications in mm

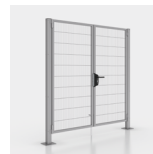
Construction type	Fence height	Ground clearance	Axial dimension from centre of post to centre of post		
FTW	2000	175	800	1000	1200
FTW	2200	175	800	1000	1200



The Brühl alternating swing gate (FTW) consists of two posts, one door wing, and a screw-on mounting aid. The hinges can be mounted on either side, allowing you to determine the DIN direction during installation.

#### Double Swing Gate, Alternating Specific. in mm

Construction type	Fence height	Ground clearance	Axial dimension from centre of post to centre of post		
DFTW	2000	175	1530	1930	2330
DFTW	2200	175	1530	1930	2330



The Brühl alternating double swing gate (DFTW) has the same structure as the FTW, with an additional door wing and no obtrusive elements in the opening area.

#### Sliding Gate, Alternating Specifications in mm

Construction type	Fence height	Ground clearance	Axial dimension from centre of post to centre of post	
STW	2000	175	1000	1200
STW	2200	175	1000	1200



The Brühl alternating sliding gate (STW) consists of three posts, one door wing, and a guide rail. The guide post can be shifted if needed.

#### Double Sliding Gate Specifications in mm

Construction type	Fence height	Ground clearance	Axial dimension from centre of post to centre of post	
DST	2000	175	2000	2400
DST	2200	175	2000	2400



The Brühl double sliding gate (DST) features two door wings that can open to the left and right, outside the clear width.

Send an enquiry

**Further Information** *in detail, also available on [our website](#)*

The *Flex Safety Fence System* is a stable, separating protective device in accordance with [MRL 2006/42/EG](#), [DIN EN ISO 12100](#), [DIN EN ISO 13857](#), [DIN EN ISO 14120](#) und [DIN EN ISO 14119](#).

**The Benefits at a Glance**

- › *Fast delivery time for FastLine products:* ready for quick dispatch or collection
- › *Flexible widths:* Mesh panels can be shortened in 23 mm increments
- › *Secure fastening material:* The fastening material remains with the mesh panels
- › *High flatness:* Achieved through a frameless design
- › *Optimal process visibility:* Due to slotted openings, particularly in black mesh panels
- › *Easy installation:* Side tolerance of +/-4 mm per mesh panel
- › *Flexible angle positioning:* Fence layout can be installed at any angle (oval fence planning possible)
- › *High stability with low weight:* Mesh panels made from round wires and rounded flat steel
- › *Integrated height adjustment:* +6/-1 mm per panel

**Certified and Tested Quality**


*Brühl Safety* is certified according to [DIN EN ISO 9001:2015](#). All of our products are carefully tested in our own test laboratories using pendulum testing methods according to [DIN EN ISO 14120 Annex C](#). Only once they have proven their durability in realistically simulated load tests are they released for the market.

**Maximum Load for Flex** in Combination with Fastening Materials

Fastening Material	FL2-V5 (Standard)	FL2-V7	FL1-V2
Load	700 Joule	1600 Joule	2250 Joule

According to [DIN EN ISO 14120 Annex C](#) Pendulum testing method

**CE Marking**

 All Brühl safety fence systems are CE marked as a whole and fully comply with the current requirements of the Machinery Directive. Details can be [here](#).

**Additional Systems for Safety Switches**

Supplementary systems for the protective gates are not automatically included in the scope of delivery. Our extensive range can be found [here](#).

**Colours and Finishes**

For the powder coating of your *Flex safety fence*, you can choose from ten colours. For a small surcharge, you can select from all available RAL colours to match your corporate design.

**Standard Colours for Flex** Powder Coating\*

RAL 1021	RAL 1018	RAL 3020	RAL 5005	RAL 5017	RAL 7016	RAL 7035	RAL 7037	RAL 9005
Yellow	Zinc Yellow	Traffic Red	Signal Blue	Traffic Blue	Anthr. Grey	Light Grey	Dusty Grey	Jet Black

\* Hot-dip galvanising available on request. Plus 3 working days delivery time.

**Free 3D Components**

To help with planning your protective system, we provide all 3D components easily and free of charge [here](#). These can be downloaded in all common CAD formats and imported into your CAD system or sent via email. If the desired component is not available, please contact [info@bruehl-safety.com](mailto:info@bruehl-safety.com).

