

ELITMAT



d-flexx *A safe flexible solution*

## Product Overview



# WELCOME



## Where we are

Production in Denmark


Logisticcenter in Peine, Germany- for optimal and fast service for supplies worldwide



## d-flexx | FLEXIBLE IMPACT PROTECTION


- **Flexible** impact protection made in our own production
- The flexible material is **deforming** and **re-returns** after a collision **to its original shape**
- For **outdoor** and **indoor** use
- **100% recyclable**
- **Easy installation**- fixing material included
- **Minimizes maintenance costs** considerably
- Product variation for individual needs
- Individual cutted products for **custom fitting**
- **Available on stock**




 **Who we are** Providing safety since 1975  
Innovative producer of flexible barrier systems and mirrors  
Setting the standard for the global market  
The products are on stock for a quick supply  
Take a closer look at us • see our Image Video:




**On the following pages we dive deeper into the service we provide and the advantages d-flexx products have over the other industrial safety products. We are sure that d-flexx is the right solution for your problem.**

 **Safety** is a key-topic in every industry. Provided the correct way, it ensures a protected work environment for people and machines. This innovative impact protection technology made of special material has many distinct advantages over steel crash protection products:

 **Flexibility**  
The Polyethylene material reliably absorbs the impact energy of forklifts and industrial trucks and releases it once the vehicle leaves the impact site.

 **Cost efficient**  
After a collision, environment and vehicles are undamaged, strongly reducing maintenance cost.durable.

 **Stainless** Unlike steel, polyethylene does not rust and is therefore much more durable.



## Our services for your safety!



Contact us:

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# INTERNATIONALLY APPROVED

## ✓ d-flexx - TÜV tested safety made in Denmark!

**Safety** is a top priority for the creators of d-flexx. For this reason the products of the d-flexx series have been tested by the German TÜV. Hence it is clear that the d-flexx ramming protection reliably meets the requirements of DIN EN 15512.

**The tests** were documented in a video you can see by scanning the following QR Code:



## Simple and efficient the advantages of d-flexx crash protection products

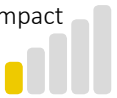
- ✓ **TÜV-tested** and tested according to **DIN EN 15512**
- ✓ Suitable for **outdoor** and **indoor** use
- ✓ **Easy installation** - mounting equipment included
- ✓ **Reduce** repair and maintenance **costs** to a minimum
- ✓ **Versatile usage area** - whether in production, warehouse or logistical areas
- ✓ **Customized** lengths available to perfectly **suit your needs**

# RACK GUARD „ALFA“



DF-RG-1  
„ALFA“

moderate impact  
absorption



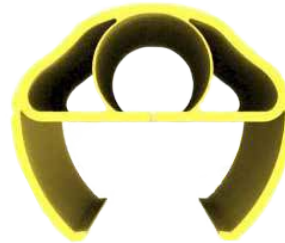
## RACK GUARD „ALFA“

The TÜV-tested and flexible d-flex rack protection „Alfa“ is an innovative protection for shelves. The simple assembly without additional tools allows a quick application and easy handling .

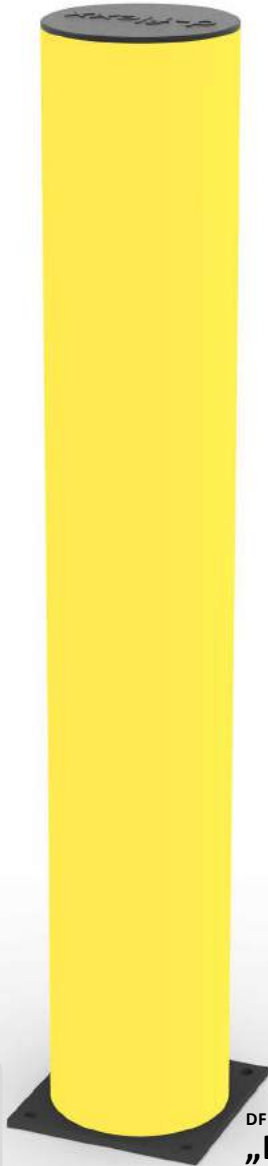
The rack guard is clicked directly onto the shelf to be protected. Due to the not necessary ground fastening, the ground is protected in case of a collision.

The d-flex rack protection „Alfa“ is available in three different heights:

400 mm | 600 mm | 1000 mm for rack legs 75- 100 mm and 100- 125 mm.



# FLEXIBLE BOLLARD „BRAVO“



## FLEXIBLE BOLLARD „BRAVO“

The flexible and TÜV tested d-flex bollards „Bravo“ absorb the impact energy. The processed special material does not damage the bollard and the vehicle.

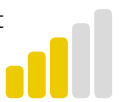
Due to its robustness and high visibility the bollard is ideal to be installed on parkings, entrances and for separation of pedestrian areas.

The d-flex bollards „Bravo“ are available in a diameter of 200 mm and height of 516 mm | 760 mm | 1200 mm

The fixing material is always included in the delivery.

**Bollard „Bravo“ is made of special flexible material with a base plate of 225 x 225 mm**

high impact absorption



DFB050-10  
„BRAVO“



# RACK END PROTECTION „GOLF“



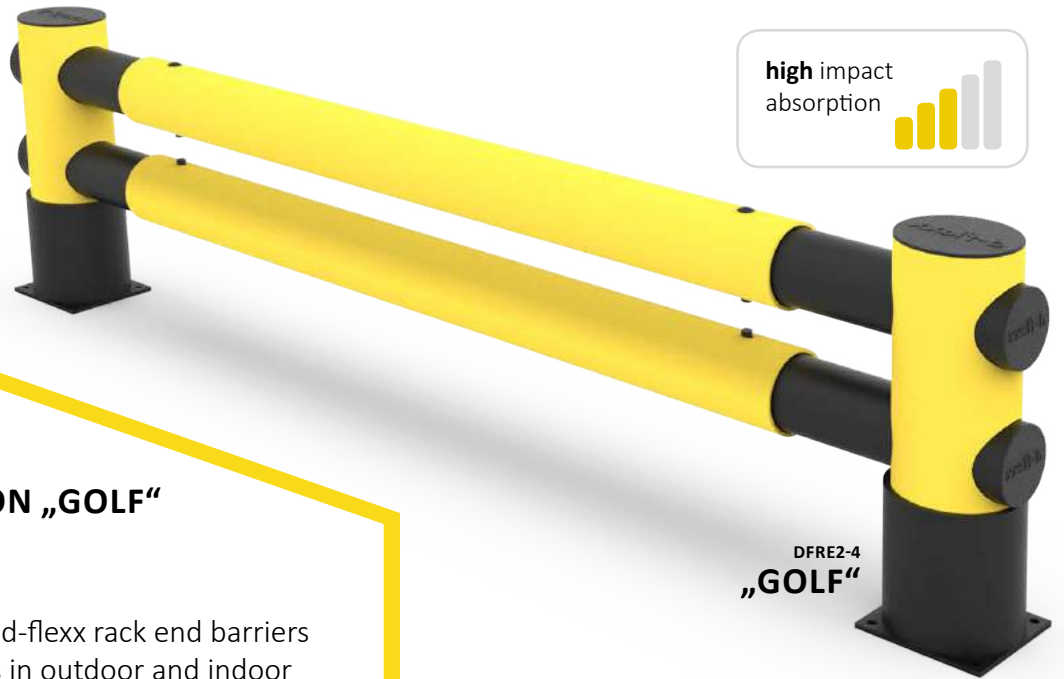
## RACK END PROTECTION „GOLF“

The TÜV-tested and flexible d-flexx rack end barriers „Golf“ protect the rack ends in outdoor and indoor use. Once installed, the rack end is not in direct contact with the rack to be protected. This allows the rack end protection to absorb the impact energy.

Cost and time consuming maintenance work will be reduced to the minimum. The moveable cuffs additionally absorb the impact energy. The double rack end is for driveways with heavy pallet trucks.

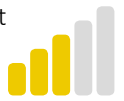
The fixing material is always included in the delivery.

**Rack end protection „Golf“ is made of special flexible material | base plate 225 x 225 mm, pipe Ø 160 mm**



DFRE2-4  
„GOLF“

high impact absorption



DFRE1-2  
„GOLF“

extreme impact absorption



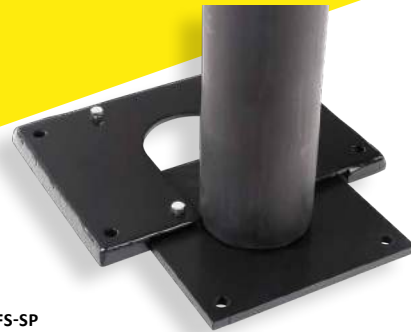
# FLEXIBLE SAFETY BARRIER „DELTA“

modular

high impact  
absorption



DFFS-M-E + DFS-H1  
„DELTA“



DFFS-SP  
SLIDER PLATE

\*not TÜV-approved

## FLEXIBLE SAFETY BARRIER „DELTA“

The TÜV-tested and flexible d-flexx safety barrier „Delta“ is an innovative and economic separation of pedestrian areas and trails. Due to the modular system a customized solution can always be supplied by means of individual cuttings.

The fixing material is always included in the delivery.

**Flexible safety barrier „Delta“ is made of special flexible material | post height 1200 mm, post Ø 110 mm, base plate 225 x 225 mm**

***Compatible with our swing door „Juliet“  
(page 10 / 11).***





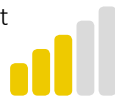


DFFS-M-4E + DFS-M-4M + DFS-M-4H1

„DELTA“

\*not TÜV-approved

high impact  
absorption



Additionally to the „Delta“ safety barrier we now offer you two variants of the „Delta“ barrier with four beams in height 1200 mm and 1600 mm.

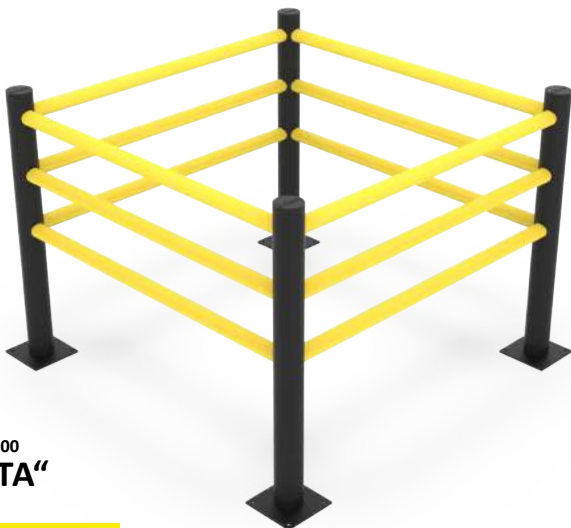
The „Delta“ barrier in 1200 mm height with four beams offers a protection with a difference of only 329 mm to the ground for more protection.

The fixing material is always included in the delivery.

Flexible safety barrier „Delta“ is made of special flexible material | post  $\varnothing$  110 mm, base plate 225 x 225 mm

**COLUMN PROTECTOR HEIGHT 1200 mm**  
**„DELTA“**

Column protector made of flexible safety barrier „Delta“ is made of special flexible material | post height 1200 mm, post  $\varnothing$  110 mm, base plate 225 x 225 mm



DFFS-C2-600

„DELTA“

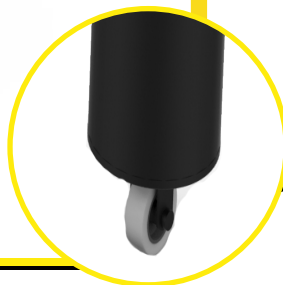


# SWING DOOR „JULIET“

modular



DFJU-DA1500 + DFJU-TM  
„JULIET“ DOOR +  
„DELTA“ MIDDLE POST



## SWING DOOR „JULIET“

The swing door „Juliet“ can be integrated in our „Delta“ or „Echo“ system. It can be installed also alone with a „Delta“ or „Echo“ post.

The fixing material is always included in the delivery.

Our swing door „Juliet“ is also available with a wheel.

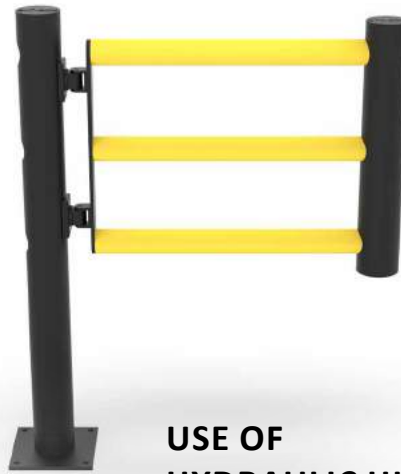
**d-flexx swing door element „Juliet“ is made of special flexible material | opens up to 180°, with hydraulic hinges**

# POSTS FOR SWING DOOR „JULIET“

modular

d-flexx „Delta“ post for „Juliet“ swing door is made of special flexible material I post Ø 110 x 1200 mm height I fixing material included

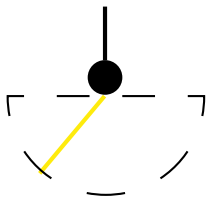
DFJU-DA800 + DFJU-TM  
„JULIET“ DOOR +  
„DELTA“ MIDDLE POST



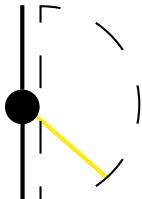
GATE-STOP



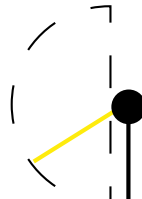
USE OF  
HYDRAULIC HINGES



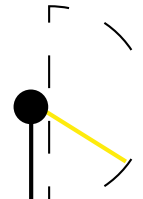
middle post



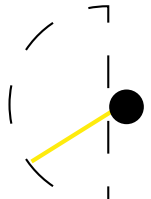
T-post 90°



Corner post 90° left



Corner post 90° right



End post



DFJU-DA800 + DFJU+TE  
„JULIET“ DOOR +  
„ECHO“ END POST

DFFS-B110  
BOLLARD



d-flexx „Echo“ post for „Juliet“ swing door is made of special flexible material I post Ø 200 x 1200 mm height I fixing material included

# TRAFFIC BARRIER PLUS „ECHO“

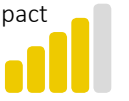
modular



DFVB+E + DFVB+HI  
„ECHO“



extreme impact  
absorption



## TRAFFIC BARRIER PLUS „ECHO“

The TÜV-tested and flexible d-flexx traffic barrier PLUS „Echo“ is a combination of the d-flexx modules „Charlie“ and „Delta“.

Due to the additional heavy pipe in the lower part of the traffic barrier plus, pedestrian areas can be protected additionally.

The fixing material is always included in the delivery.

**Traffic barrier PLUS „Echo“ is made of special flexible material | post height 1200 mm, base plate 225 x 225 mm**

***Compatible with our swing door „Juliet“ (page 10 / 11).***





DFDH-M-E + DFDH-M-H1  
„LIMA“

## TRAFFIC BARRIER „LIMA“

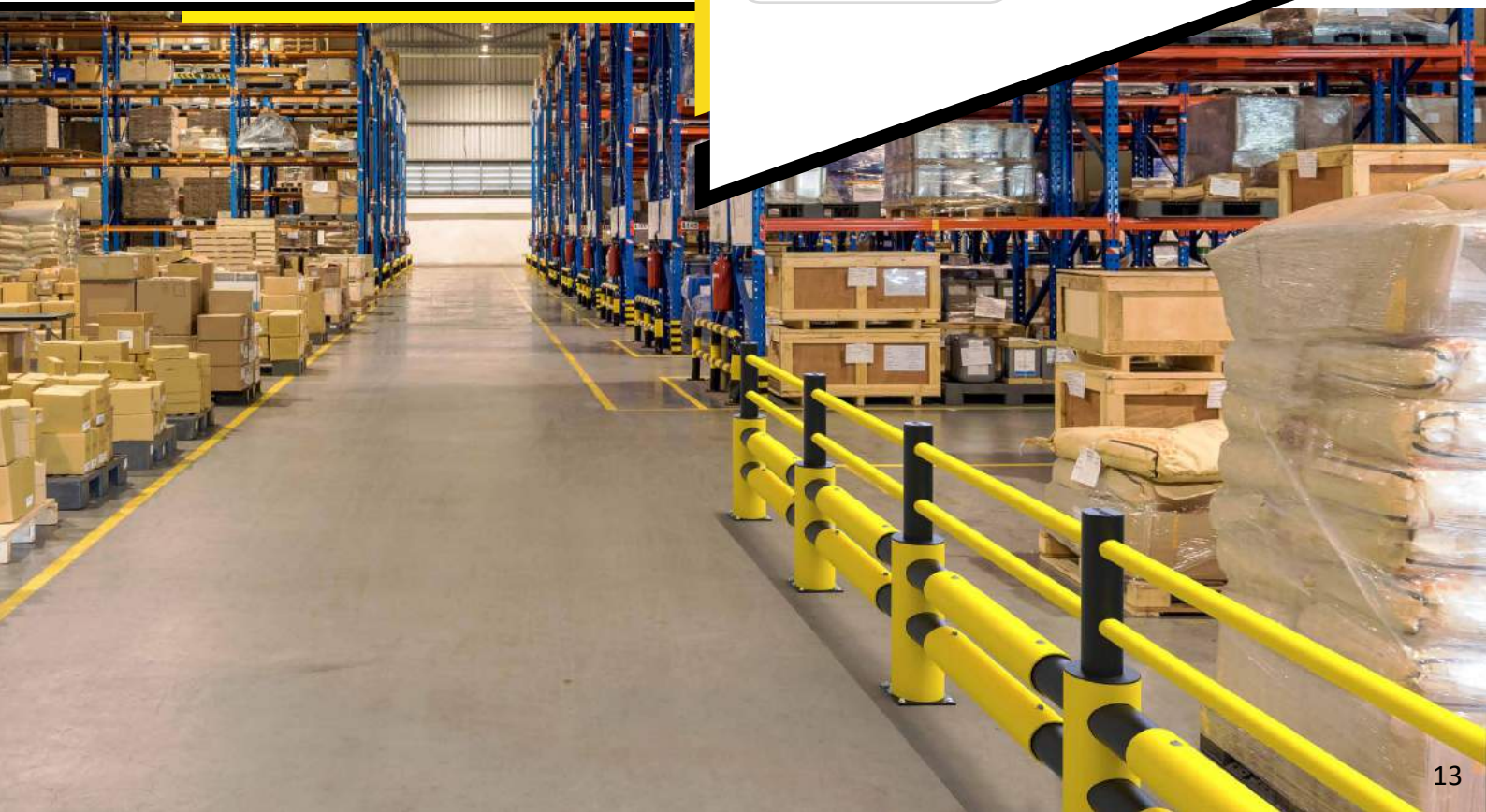
The flexible d-flex traffic barrier „Lima“ is a combination of the d-flex modules „Delta“ and „Hotel“.

Due to the additional pipes in the lower part of the traffic barrier it can be used for heavy duty traffic.

The fixing material is always included in the delivery.

**Traffic barrier „Lima“ is made of special flexible material | post height 1200 mm, base plate 225 x 225 mm**

extreme impact  
absorption



# TRAFFIC BARRIER SINGLE RAIL „CHARLIE“ modular

## TRAFFIC BARRIER SINGLE RAIL „CHARLIE“

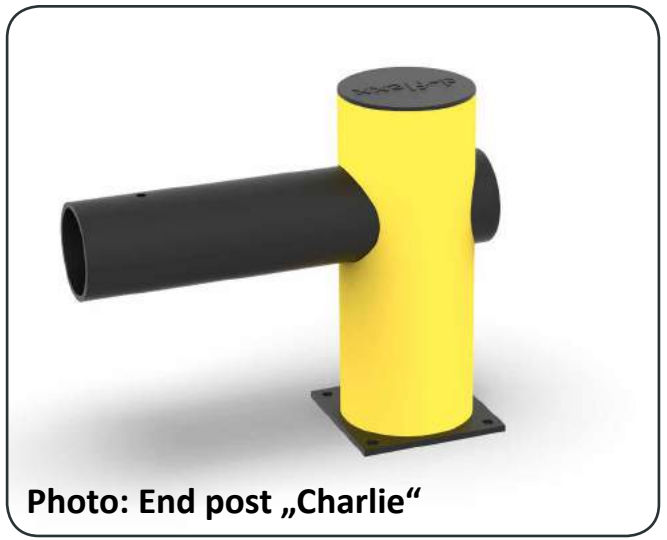
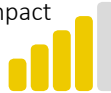
The TÜV-tested and flexible d-flexx traffic barrier „Charlie“ provides an optimal protection for machines, inventory and employees.

Thanks to the easy and fast assembly in combination with individually cutted lengths, traffic routes can be separated quickly and easily from work areas or pedestrian paths. Bollards are a useful addition at the end of the traffic barriers.

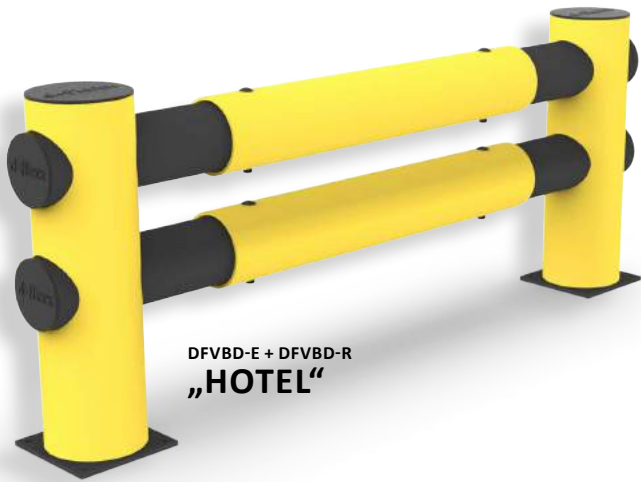
The fixing materials always included in the delivery.

**Traffic barrier single rail „Charlie“, modular, height 516 mm is made of special flexible material | post Ø 200 mm and base plate 225 x 225 mm**

extreme impact  
absorption



# TRAFFIC BARRIER DOUBLE RAIL „HOTEL“ modular



DFVBD-E + DFVBD-R  
„HOTEL“

## FLEXIBLE BARRIER DOUBLE RAIL „HOTEL“

The TÜV-tested and flexible d-flex traffic barrier „Hotel“ provides an optimal protection for machines, inventory and employees.

Due to the double pipes and the additional higher posts, the area is more protected. Thanks to the easy and fast assembly in combination with individually cutted lengths, traffic routes can be seperated quickly and easily from work areas or pedestrian paths. Bollards are a useful addition at the end of the traffic barriers.

The fixing material is always included in the delivery.

**Traffic barrier double rail „Hotel“, modular, height 760 mm is made of special flexible material I post Ø 200 mm and base plate 225 x 225 mm**



Photo: End post „Hotel“

extreme impact  
absorption



# MACHINE PROTECTIVE FENCING „FOXTROT“



## MACHINE PROTECTIVE FENCING „FOXTROT“

The TÜV-tested and flexible d-flexx machine protective fences „Foxtrot“ are the fast and easy way to separate working areas and routes from each other.

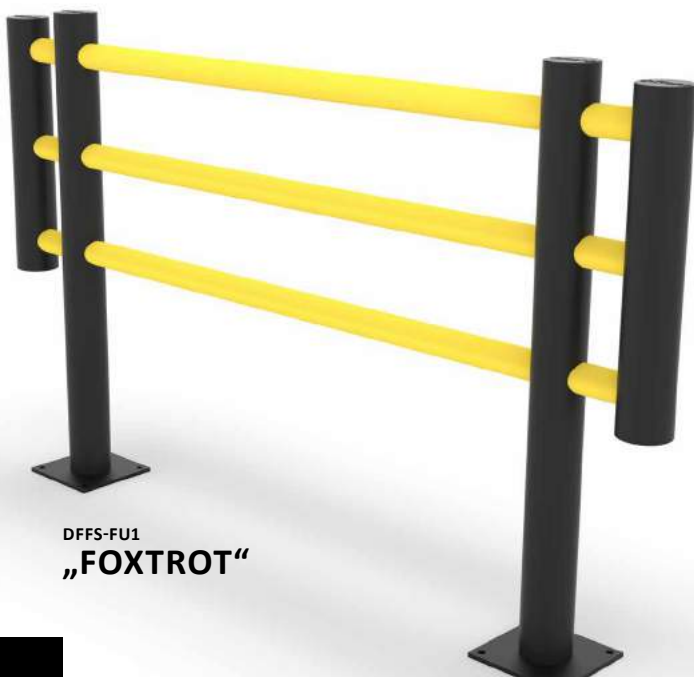
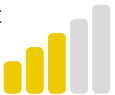
This product is delivered already pre-assembled and can be installed without further assembly activities.

The outer sides are provided with an additional hand-rail to extend the protection area.

The fixing material is always included in the delivery.

**Machine protective fencing „Foxtrot“ is made of special flexible material | height 1200 mm, pre-mounted, with base plate 225 x 225 mm**

high impact absorption



DFFS-FU1  
„FOXTROT“



DFFS-SP  
SLIDER PLATE

\*not TÜV-approved



# TRAFFIC BARRIER „KILO“

## TRAFFIC BARRIER „KILO“

The flexible d-flex traffic barrier „Kilo“ separates quickly, working areas and traffic from each other.

This product is delivered already pre-assembled and can be installed without further assembly activities.

The outer sides are provided with an additional hand-rail to extend the protection areas.

The fixing material is always included in the delivery.

**Traffic barrier „Kilo“ is made of special flexible material I height 1200 mm, pre-mounted, with base plate 225 x 225 mm**

extreme impact  
absorption



DFKI+FU1  
„KILO“



# KERB BARRIER „MIKE“



## KERB BARRIER „MIKE“

The flexible d-flexx kerb barrier “Mike” is the ideal product to protect walls and assembly lines from collisions in low ground areas.

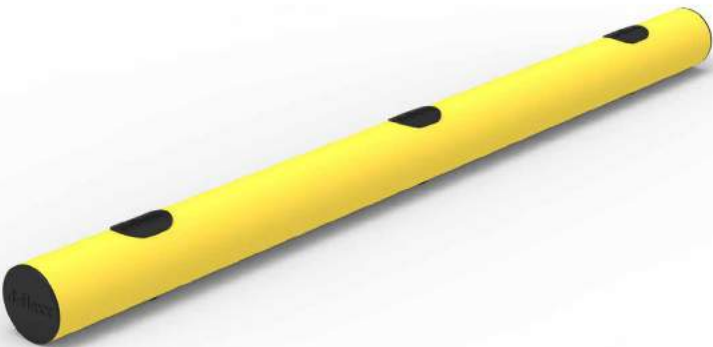
The round shape allows the colliding forklift to bounce off the barrier, therefore absorbing the force. It functions as a guide throughout the installed area. The kerb barrier “Mike” can be combined with most of our d-flexx collection for a full safety solution.

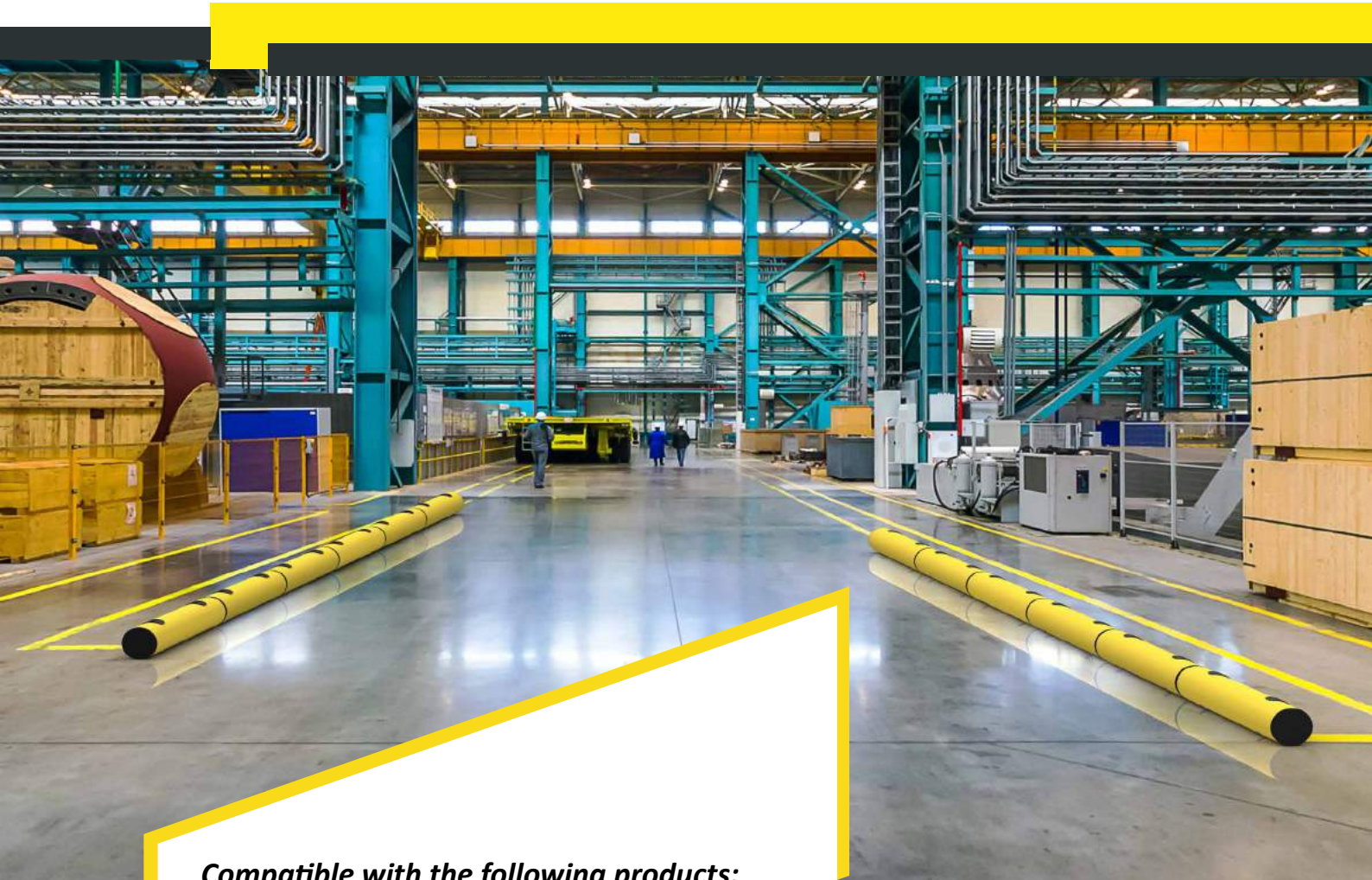
As our other products, it is made from special material to absorb the impact force and return into its original shape.

It is easy to install with just two screws and a cost-effective way to prevent low ground collisions.

The fixing material is always included in the delivery.

The height of the kerb barrier is 140 mm.





***Compatible with the following products:***

***Delta, Charlie, Hotel, Echo, Foxtrot, Golf,  
Kilo, Lima***



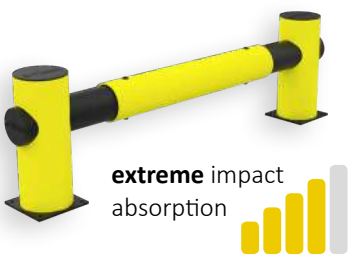
## DELTA + DEALTA-C



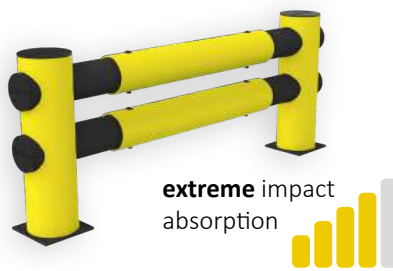
## JULIET



## CHARLIE



## HOTEL



## ECHO PLUS



## LIMA

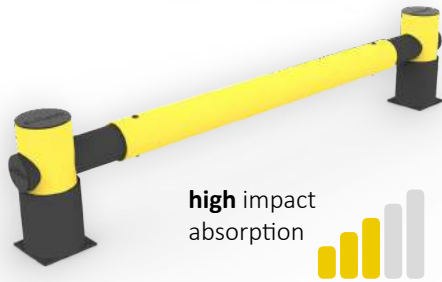
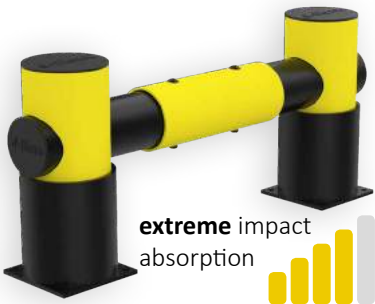


\*Impact angle 90°  
\*extreme impact absorption equals 10,000 Joules  
high impact absorption equals 2,500 Joules  
moderate impact absorption equals 400 Joules

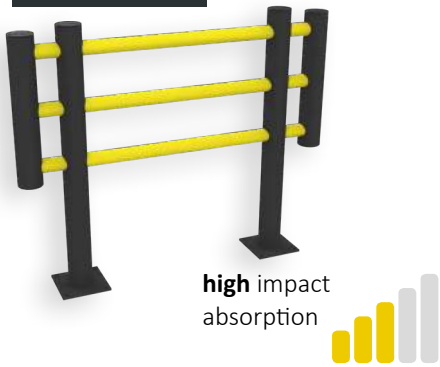
# PRODUCT OVERVIEW

*fixed size*

## GOLF



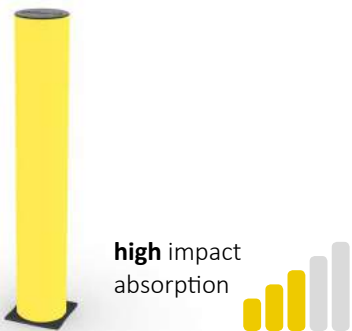
## FOXTROT



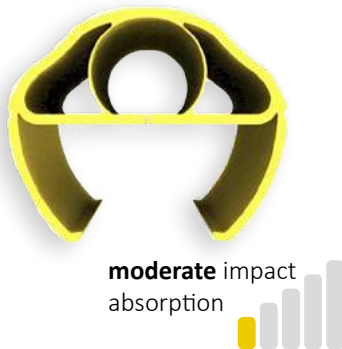
## KILO



## BRAVO



## ALFA

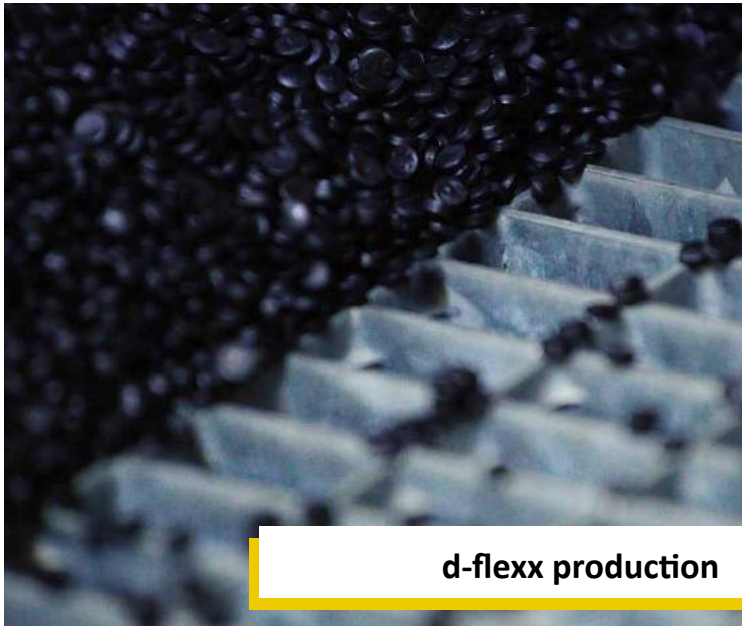


## MIKE



\*Impact angle 90°  
\*extreme impact absorption equals 10,000 Joules  
high impact absorption equals 2,500 Joules  
moderate impact absorption equals 400 Joules

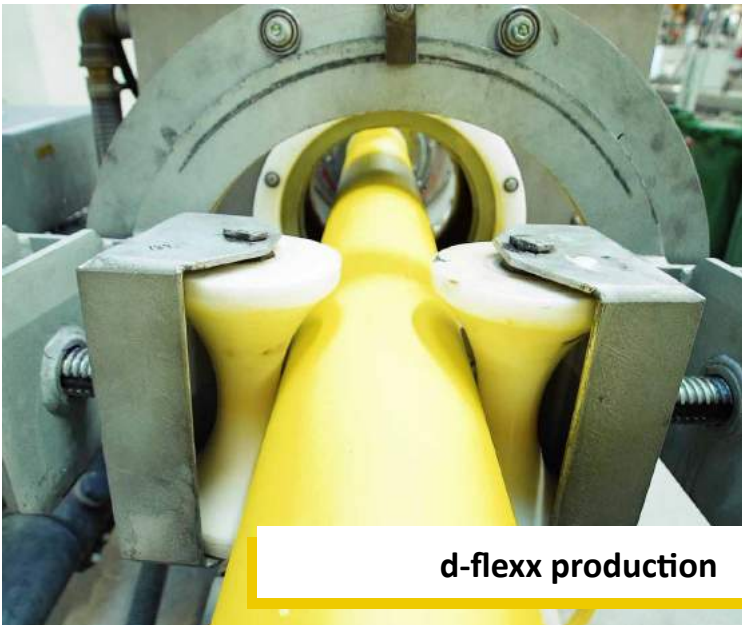
# D-FLEXX PRODUCTION + TESTING



d-flexx production



d-flexx production



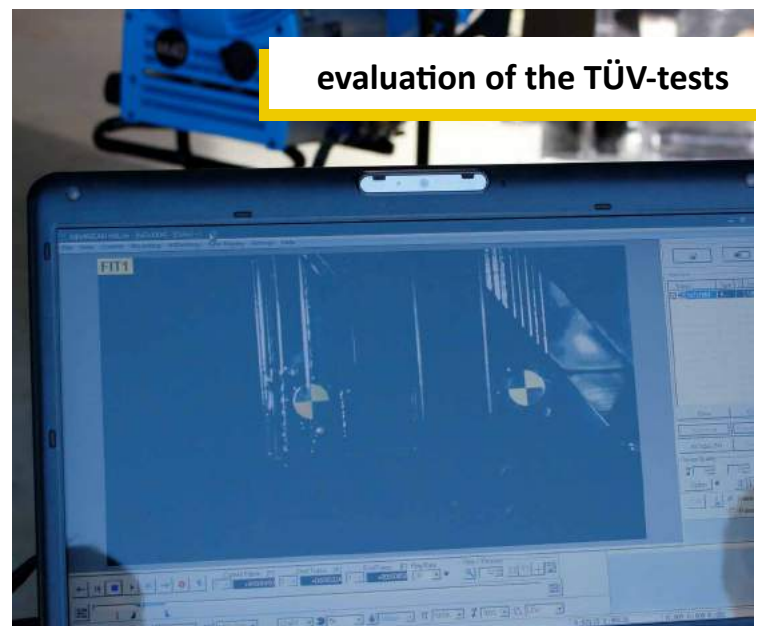
d-flexx production



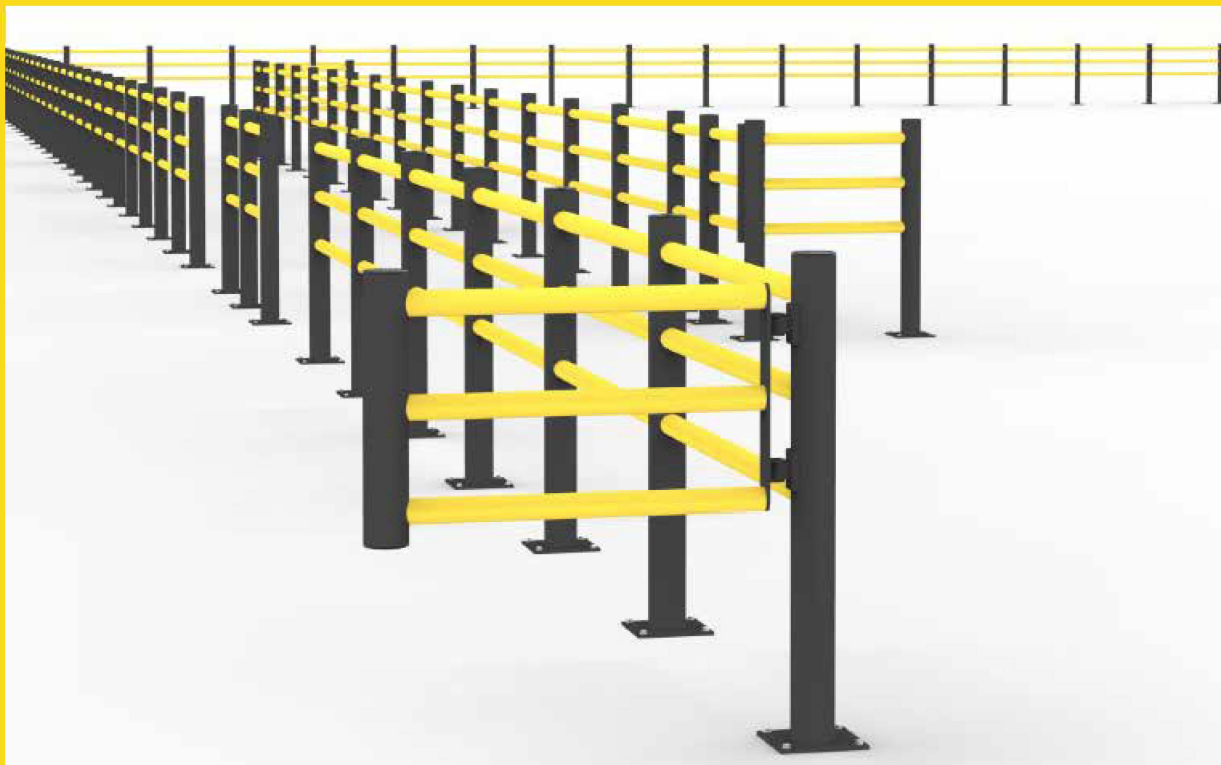
flexible protection



d-flexx testing



evaluation of the TÜV-tests



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