

The network of manufacturing excellence

## **CATALOGUE 2015**













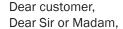




#### Dancop International GmbH









Safety by quality, that's our motto. The success started in 1975 in a Danish town called Slangerup, when Jørgen Grynnerup uniquely started to manufacture industrial-, trafficand safety mirrors made of synthetic material.

Nowadays, the company is successfully managed in the 2nd generation by Peter Grynnerup. The production progressed through the years by using latest technology. Highest quality and highest safety - that's what we are focused on.



In addition to the production of TÜV-certified mirrors, Dancop is selling impact protection products that really help to protect people, inventory and facility against damages.

Furthermore we're partner of high-technology manufacturers to provide our customers only with the best products for their needs - fast and reliable.

We're glad to help you!

Your Team of Dancop International GmbH

The strengths of Dancop:

- 1 Innovation
- 2 Flexibility and quick delivery
- 3 High quality products
- 4 We manage the right selection of products according to your demand.





## TRAFFIC MIRROR



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TM traffic mirror



Traffic mirror Anti-Condensation page 7



All mirrors are TÜV certified



TM-I traffic mirrors



4-point ball joint mounting bracket



Windload tested mirrors up to windforce 12



Mirror multi use



2-point standard fixing



SUBWAY-mirror 180°

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Explorer mirror 180°

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## **Fixings**



4-point fixing for posts 50 - 85 mm





2-points fixing for posts 50 - 85 mm



Mirrors Subway - Steel ring for wall fixing



Adaptor for fixing on a round post



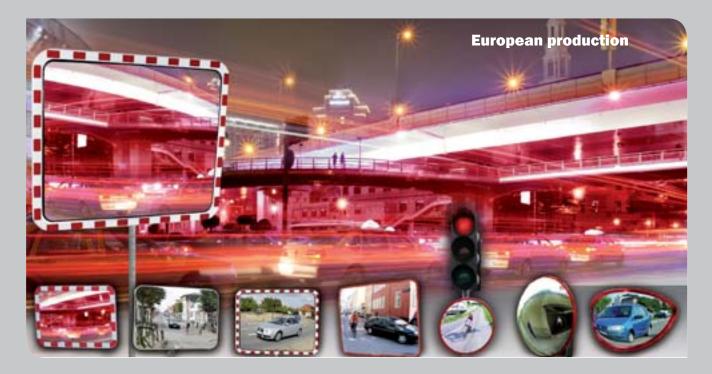


#### Material overwiew

	Acrylic	Polycarbonate	Inox
	70% more impact restistant than glass	Nearly indistructible	Nearly indistructible
Material	UV-resistant	UV-resistant	UV-resistant
	Light weight	Light weight	High temperature applications possible
	Impact resistant per DIN ISO 179-1	Low flammability	Chemical resistant



#### **Traffic mirrors**



As the only manufacturer on the market, who is able to deliver TÜV-certified high quality mirrors, DANCOP has the highest expertise in creating mirrors that are very solid, highly durable and suitable for nearly every possible situation. All DANCOP mirrors have a metallized backside, which enables a very clear and brilliant image and a high resistance against environmental influences. All DANCOP mirrors are UV-stable and equipped with robust fixing brackets that are always included in the delivery. Our Standard-material for the mirror plate is Acrylic, which is 70 % stronger than glass. Indistructible Polycarbonate and INOX are also available. DANCOP products suit your needs. Be satisfied by quality, nothing else matters.

The advantages of Dancop-Mirrors:

- UV-resistant
- Most massive fixing on the market: 4-point ball joint mounting bracket
- Fixing for round or rectangle post or wall fixing included
- Wind load-tested until windforce 12 (hurricane > 117 km/h)
- Very good mirror image without distortion
- Easy installation



All Dancop mirrors are TÜV certified.



Visit our internet-site!



Traffic mirror video

#### Three easy ways to choose a good mirror:

1 Application: Outdoor use Indoor use

2 Material: Acrylic: 70 % more impact restistant than glass Polycarbonate: nearly indistructible Inox: High temperature application possible and resistant to chemical products

3 Size

The bigger the mirror, the better the visibility and the optical presentation.



Wind load tested until windforce 12

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#### **TM Traffic mirror**



TÜV certified



Wind load tested up to force 12



Video of the fixing of the mirror



Traffic mirror video



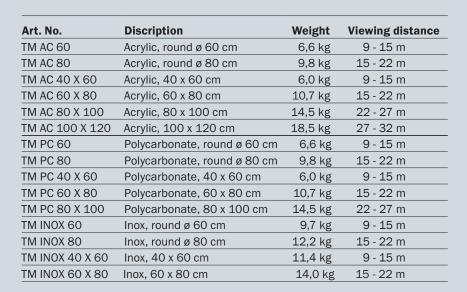
Fixing Post or wall

Warranty 5 years

**Application** outdoor and indoor

**Material** Acrylic or Polycarbonate

Our TM-mirror is equipped with a white frame with red reflecting RA2 foil for a better visibility on the streets.





Picture: Back side: 4-point fixing with ball joint for an optimal fixation



Picture: round type



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# Traffic mirror anti-condensation



TÜV certified



Wind load tested up to force 12



Video of the fixing of the mirror



Traffic mirror video



**Application** outdoor and indoor use

**Material** Acrylic or polycarbonate

**Fixing** Post or wall

Warranty 5 years

Our TM Anti-Condensation
Traffic Mirror increases safety on
roads and company premises.
The risk of danger is reduced
considerably by installing the
mirror. The applied coating avoids
condensation. Due to reflective foil
type RA2 the risk of accidents is
diminished especially in case of bad
weather conditions or
darkness.

Please be aware that our anticondensation mirror can fog up in cases of fast arising and freezing fog, or in exceptional cold perios without temperature fluctuations.



Picture: round type



Picture: Back side: 4-point fixing with ball joint for an optimal fixation

Art. No.	Discription	Weight	Viewing distance
TM B AC 60	Acrylic, round ø 60 cm	14,0 kg	9 - 15 m
TM B AC 80	Acrylic, round ø 80 cm	17,4 kg	15 - 22 m
TM B AC 40 X 60	Acrylic, 40 x 60 cm	11,4 kg	9 - 15 m
TM B AC 60 X 80	Acrylic, 60 x 80 cm	20,2 kg	15 - 22 m
TM B AC 80 X 100	Acrylic, 80 x 100 cm	25,5 kg	22 - 27 m
TM B PC 60	Polycarbonate, round ø 60 cm	14,0 kg	9 - 15 m
TM B PC 80	Polycarbonate, round ø 80 cm	17,4 kg	15 - 22 m
TM B PC 40 X 60	Polycarbonate, 40 x 60 cm	11,4 kg	9 - 15 m
TM B PC 60 X 80	Polycarbonate, 60 x 80 cm	20,2 kg	15 - 22 m
TM B PC 80 X 100	Polycarbonate, 80 x 100 cm	25,5 kg	22 - 27 m



#### **Traffic mirror TM-I**

With ball joint for a precise installation



TÜV certified



Video of the fixing of the mirror



Wind load tested up to force 12



**Application** outdoor and indoor use

**Material**Acrylic or polycarbonate

**Fixing**Post or wall

**Warranty** 5 years

Our TM-I mirror is increasing the safety in private and industrial estates with internal roads, car parks, private drive ways, shopping centers, multi store car parks, housing estates and railway platforms. The mirror is equipped with a red edging for better visibility.



Picture: round type



Picture: Back side: 4-point fixing with ball joint for an optimal fixation

Art. No.	Discription	Weight	Viewing distance
TM-I AC 50	Acrylic, round ø 50 cm	5,0 kg	5 - 7 m
TM-I AC 60	Acrylic, round ø 60 cm	6,8 kg	9 - 15 m
TM-I AC 80	Acrylic, round ø 80 cm	7,8 kg	15 - 22 m
TM-I AC 40 X 60	Acrylic, 40 x 60 cm	5,6 kg	9 - 15 m
TM-I AC 60 X 80	Acrylic, 60 x 80 cm	7,8 kg	15 - 22 m



#### **Multi-Use Mirror UNI-SIG**

with our without reflectors



TÜV certified



Video of the fixing of the mirror



Wind load tested up to force 12



**Application** outdoor and indoor use

**Material** Acrylic **Fixing** Post or wall Warranty 5 years

The mirror Uni-Sig is an economical alternative and it is used where a limited sight makes a safe drive impossible: in parkings, garage exits, shopping centers, estates. This model is produced in acylic only.



Picture: round type without reflectors



Picture: Back side: horizontal and vertical fixing possible!

Art. No.	Discription	Weight	Viewing distance
With reflecting band			
US Typ1 40 X 60	Acrylic, 40 x 60 cm	5,1 kg	5 - 7 m
US Typ1 60 X 80	Acrylic, 60 x 80 cm	7,1 kg	9 - 15 m
US Typ1 80 X 100	Acrylic, 80 x 100 cm	11,5 kg	15 - 22 m
Without reflecting band			
US TM-I 50	Acrylic, round ø 50 cm	4,8 kg	5 - 7 m
US TM-I 60	Acrylic, round ø 60 cm	5,0 kg	9 - 15 m
US TM-I 40 X 60	Acrylic, 40 x 60 cm	5,1 kg	5 - 7 m
US TM-I 60 X 80	Acrylic, 60 x 80 cm	7,1 kg	9 - 15 m
US TM-I 80 X 100	Acrylic, 80 x 100 cm	11,5 kg	15 - 22 m



#### **Mirror SUBWAY**

180° View Made of nearly indistructible material polycarbonate 6 mm



TÜV certified



Video of the fixing of the mirror

**Application** 

outdoor and indoor use



Wind load tested up to force 12



**Material** Polycarbonate

**Fixing** Post or wall

Warranty 5 years

The Subway-mirror is ideal for car parks and underground passages. The need for pedestrian safety is especially important in underground tunnels and other busy passage ways. Pedestrians can often feel unsafe in desert areas where the vision is restricted. Subway gives confidence to the motorist and eliminates the risk of accidents. The subway is a special wide angle mirror that provides a 180° vision making corner

areas highly visible.



Available on demand: Steel ring for wall fixing for the Subway-Mirror



Picture: Back side: 4-point fixing with ball joint for an optimal fixation

Art. No.	Discription	Weight	Viewing distance
SUBWAY	Polycarbonate, round ø 60 cm	7,7 kg	9 - 15 m

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### **TRIXI** - mirror: no more blind spots save the cyclists!











**Fixing**Post

Warranty 2 years

**Application** outdoor and indoor use

Our wide angle traffic mirror Trixi has been especially developed to increase the safety of pedestrians and cyclists. It helps to gain an insight view into the blind spot on road crossings and areas where cyclists and pedestrians are in danger of traffic accidents. When turning, drivers are able to see pedestrians or cyclists in the dangerous blind spot where otherwise they would have been overlooked.



Picture: High visibility of the cyclist in the dead angle



Picture: Backside with standard fixing (incl. adaptor)

Art. No.	Discription	Weight	Viewing distance
TRIXI 35	Acrylic, round ø 35 cm	2,4 kg	1 - 4 m
TRIXI 50	Acrylic, round ø 50 cm	3,6 kg	5 - 7 m
TRIXI 50-H	Acrylic, round ø 50 cm, mit Thermostat	5,1 kg	5 - 7 m





#### **EXPLORER - Mirror**

180° view



TÜV certified



Video of the fixing of the mirror



Wind load tested up to force 12



**Application** outdoor and indoor use

Material Acrylic **Fixing** Post or wall Warranty 2 years

The Explorer wide angle mirror ensures with its brilliant view and its convexity of 180° of an optimal range of vision. The Explorer is ideal to give an overview of production areas or road traffic.

Get more information by email: info@dancop.com



Bild: Ansicht der Halterung

Art. No.	Discription	Weight	Viewing distance
EXPLORER 60	Acrylic, ø 60 cm	5,2 kg	9 - 15 m
EXPLORER 80	Acrylic, ø 80 cm	7,0 kg	15 - 20 m



**PANORAMA - Traffic mirror** 

180° View Made of nearly indistructible material polycarbonate 6 mm



TÜV certified



Visit our website!

Wind load tested up to force 12



**Material** Polycarbonate



Warranty 5 years

Application outdoor and indoor use

The TÜV-certified Panorama TM traffic mirror increases the safety on roads and company grounds. This mirror has a 180° wide angle, this means: No unexpected "meetings", no surprises, no crashes. Due to the fluorescent and reflective foil type RA 2 in green, the risk of accidents gets minimized, especially in bad weather conditions.

Any questions? Please call us on: +49 (0) 51 71 - 58 56 90



Picture: Back side: 4-point fixing with ball joint for an optimal fixation

Art. No.	Discription	Weight	Viewing distance
TM PC 360	Polycarbonate, round ø 60 cm with green reflectors	9,1 kg	9 - 15 m



## **INDUSTRIAL MIRRORS**



Check Point

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Check Mirror

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TM Traffic mirror

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TM-I Traffic mirror

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All mirrors are TÜV certified



Windload tested mirrors up to windforce 12



EC-Mirror

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**INOX HF mirror** 

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Transpo 180° Mirror

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Dome mirror 360°

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Dome mirror 180°

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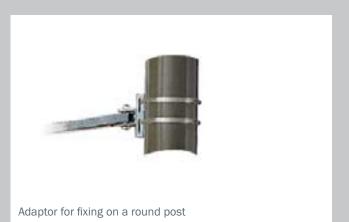
### **Fixings**















#### Material overwiew

	Acrylicic	Polycarbonate	Inox
	70% more impact restistant than glass	Nearly indistructible	Nearly indistructible
Material	UV-resistant	UV-resistant	UV-resistant
	Light weight	Light weight	High temperature applications possible
	Impact resistant per DIN ISO 179-1	Low flammability	Chemical resistant



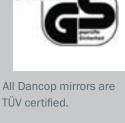
#### **Industrial mirrors**



As the only manufacturer on the market, who is able to deliver TÜV-certified high quality mirrors, DANCOP has the highest expertise in creating mirrors that are very solid, highly durable and suitable for nearly every possible situation. All DANCOP mirrors have a metallized backside, which enables a very clear and brilliant image and a high resistance against environmental influences. All DANCOP mirrors are UV-stable and equipped with robust fixing brackets that are always included in the delivery. Our Standard-material for the mirror plate is Acrylicic, which is 70 % stronger than glass. Indistructible Polycarbonate and INOX are also available. DANCOP products suit your needs. Be satisfied by quality, nothing else matters.

The advantages of Dancop-Mirrors:

- UV-resistant
- Most massive fixing on the market: 4-point ball joint mounting bracket
- Fixing for round or rectangle post or wall fixing included
- Wind load-tested until windforce 12 (hurricane > 117 km/h)
- Very good mirror image without distortion
- · Easy installation





Visit our internet-site!

#### Three easy ways to choose a good mirror:

Application:

Outdoor use Indoor use

2 Material:

Acrylicic: 70 % more impact restistant than glass Polycarbonate: nearly indistructible Inox: High temperature application possible and resistant to chemical products

The bigger the mirror, the better the visibility and the optical presentation.



Windload tested until windforce 12



#### **Check point Mirror**

The frame in yellow and black increase the visibility.



TÜV certified



Video of the fixing of the mirror



Fixing options for post or wall:



Type I: 4-point ball joint mounting bracket



Type IV: 2-point standard fixing

Application Indoor use

Material Acrylic Fixing Post or wall Warranty 2 Years

Our Check Point mirror increases the attention at danger spots in production lines, warehouses. Distant workstations and blind spots can be easily inspected. Workplace accidents and production downtimes can get minimized.



Picture: Standard fixing: Telescope fixing 30 - 50 cm



Picture: shows upright position. horizontal and vertical positiong is possible

Art. No.	Discription	Weight	Viewing distance
CP 30 X 50	Acrylic, 30 x 50 cm	2,8 kg	5 - 7 m
CP 40 X 60	Acrylic, 40 x 60 cm	3,8 kg	7 - 12 m
CP 60 X 90	Acrylic, 60 x 90 cm	7,8 kg	12 - 25 m
Other fixings for CF	P 40X60 and CP 60X90:		
Type I	4 points fixing with ball joint	2,6 kg	
	for wall and post installation (ø 50 - 85 mm)		
Type IV	2 point fixing for wall and post installation (Ø 50 - 85 mm)	2,4 kg	



#### **Check mirror**





Visit our internet-site!



Application Indoor use

Material Acrylic

Fixing on the wall

Warranty 2 Years

Our Check Mirror is the perfect application to supervise production lines. The concavity of the mirror enlarges the view on the product which can be controlled by one person only. A distance of one meter between the product and the mirror is recommended.

> **Get more information by email:** info@dancop.com



Picture: Standard fixing: Telescope fixing 30 - 50 cm

Art. No.	Discription	Weight	Viewing distance
CM 30 X 50	Acrylic, 30 x 50 cm	1,5 kg	1 m
CM 40 X 60	Acrylic, 40 x 60 cm	2,4 kg	1 m
CM 60 X 90	Acrylic, 60 x 90 cm	4,0 kg	1 m



#### **TM Traffic mirror**



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Wind load tested up to force 12



Video of the fixing of the mirror



Traffic mirror video



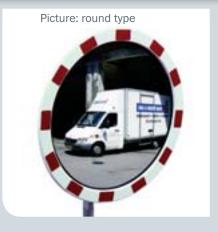
Material Acrylic

Fixing Post or wall

Warranty 5 Years

Application Outdoor and indoor use

Our TM-mirror is equipped with a white frame with red reflecting RA2 foil for a better visibility on the streets.



Art. No.	Discription	Weight	Viewing distance
TM AC 60	Acrylic, round ø 60 cm	6,6 kg	9 - 15 m
TM AC 80	Acrylic, round ø 80 cm	9,8 kg	15 - 22 m
TM AC 40 X 60	Acrylic, 40 x 60 cm	6,0 kg	9 - 15 m
TM AC 60 X 80	Acrylic, 60 x 80 cm	10,7 kg	15 - 22 m
TM AC 80 X 100	Acrylic, 80 x 100 cm	14,5 kg	22 - 27 m
TM AC 100 X 120	Acrylic, 100 x 120 cm	18,5 kg	27 - 32 m
TM PC 60	Polycarbonate, round ø 60 cm	6,6 kg	9 - 15 m
TM PC 80	Polycarbonate, round ø 80 cm	9,8 kg	15 - 22 m
TM PC 40 X 60	Polycarbonate, 40 x 60 cm	6,0 kg	9 - 15 m
TM PC 60 X 80	Polycarbonate, 60 x 80 cm	10,7 kg	15 - 22 m
TM PC 80 X 100	Polycarbonate, 80 x 100 cm	14,5 kg	22 - 27 m
TM INOX 60	Inox, round ø 60 cm	9,7 kg	9 - 15 m
TM INOX 80	lnox, round ø 80 cm	12,2 kg	15 - 22 m
TM INOX 40 X 60	Inox, 40 x 60 cm	11,4 kg	9 - 15 m
TM INOX 60 X 80	Inox, 60 x 80 cm	14,0 kg	15 - 22 m



Picture: Back side: 4-point fixing with ball joint for an optimal fixation



# **Traffic mirror** anti-condensation



TÜV certified



Wind load tested up to force 12



Video of the fixing of the mirror



Traffic mirror



Material Acrylic

Fixing Post or wall Warranty 5 Years

Application Outdoor and indoor use

Our TM Anti-Condensation
Traffic Mirror increases safety on roads and company premises.
The risk of danger is reduced considerably by installing the mirror. The applied coating avoids condensation. Due to reflective foil type RA2 the risk of accidents is diminished especially in case of bad weather conditions or darkness.

Please be aware that our anticondensation mirror can fog up in cases of fast arising and freezing fog, or in exceptional cold perios without temperature fluctuations.



Picture: round type



Picture: Back side: 4-point fixing with ball joint for an optimal fixation

Art. No.	Discription	Weight	Viewing distance
TM B AC 60	Acrylic, round ø 60 cm	14,0 kg	9 - 15 m
TM B AC 80	Acrylic, round ø 80 cm	17,4 kg	15 - 22 m
TM B AC 40 X 60	Acrylic, 40 x 60 cm	11,4 kg	9 - 15 m
TM B AC 60 X 80	Acrylic, 60 x 80 cm	20,2 kg	15 - 22 m
TM B AC 80 X 100	Acrylic, 80 x 100 cm	25,5 kg	22 - 27 m
TM B PC 60	Polycarbonate, round ø 60 cm	14,0 kg	9 - 15 m
TM B PC 80	Polycarbonate, round ø 80 cm	17,4 kg	15 - 22 m
TM B PC 40 X 60	Polycarbonate, 40 x 60 cm	11,4 kg	9 - 15 m
TM B PC 60 X 80	Polycarbonate, 60 x 80 cm	20,2 kg	15 - 22 m
TM B PC 80 X 100	Polycarbonate, 80 x 100 cm	25,5 kg	22 - 27 m



#### **Traffic mirror TM-I**

With ball joint for a precise installation



TÜV certified



Video of the fixing of the mirror



Wind load tested up to force 12



Application
Outdoor and indoor use

Material Acrylic Fixing Post or wall

Warranty 5 Years

Our TM-I mirror is increasing the safety in private and industrial estates with internal roads, car parks, private drive ways, shopping centers, multi store car parks, housing estates and railway platforms. The mirror is equipped with a red edging for better visibility.



Picture: round type



Picture: Back side: 4-point fixing with ball joint for an optimal fixation

Art. No.	Discription	Weight	Viewing distance
TM-I AC 50	Acrylic, round ø 50 cm	5,0 kg	5 - 7 m
TM-I AC 60	Acrylic, round ø 60 cm	6,8 kg	9 - 15 m
TM-I AC 80	Acrylic, round ø 80 cm	7,8 kg	15 - 22 m
TM-I AC 40 X 60	Acrylic, 40 x 60 cm	5,6 kg	9 - 15 m
TM-I AC 60 X 80	Acrylic, 60 x 80 cm	7,8 kg	15 - 22 m



#### **Multi-Use Mirror UNI-SIG**

#### with our without reflectors



TÜV certified



Video of the fixing of the mirror



Wind load tested up to force 12



Material Acrylic

Fixing Post or wall

Warranty 2 Years

Application
Outdoor and indoor use

The mirror Uni-Sig is an economical alternative and it is used where a limited sight makes a safe drive impossible: in parkings, garage exits, shopping centers, estates. This model is produced in acylic only.



Picture: Back side: horizontal and vertical fixing possible!



Picture: round type without reflectors

Art. No.	Discription	Weight	Viewing distance
With reflecting band			
US Typ1 40 X 60	Acrylic, 40 x 60 cm	5,1 kg	5 - 7 m
US Typ1 60 X 80	Acrylic, 60 x 80 cm	7,1 kg	9 - 15 m
US Typ1 80 X 100	Acrylic, 80 x 100 cm	11,5 kg	15 - 22 m
Without reflecting band			
US TM-I 50	Acrylic, round ø 50 cm	4,8 kg	5 - 7 m
US TM-I 60	Acrylic, round ø 60 cm	5,0 kg	9 - 15 m
US TM-I 40 X 60	Acrylic, 40 x 60 cm	5,1 kg	5 - 7 m
US TM-I 60 X 80	Acrylic, 60 x 80 cm	7,1 kg	9 - 15 m
US TM-I 80 X 100	Acrylic, 80 x 100 cm	11,5 kg	15 - 22 m



#### **Observation mirror SM**





Wind load tested up to force 12



Application
Outdoor and indoor use

Material Acrylic Fixing On the wall Warranty 2 Years

Our SM-mirror is recommended for industrial areas as automatic ways of vehicles, in warehouses, production areas, exits from parkings and factory buildings. It enables a good view onto work areas and dead edges just at a glance.



Picture: round type



Picture: Reinforced backside with telescopic fixing 30 - 50 cm

Art. No.	Discription	Weight	Viewing distance
SM 35	Acrylic, round ø 35 cm	1,8 kg	1 - 4 m
SM 50	Acrylic, round ø 50 cm	2,8 kg	5 - 7 m
SM 60	Acrylic, round ø 60 cm	4,0 kg	9 - 15 m
SM 80	Acrylic, round ø 80 cm	6,0 kg	15 - 22 m
SM 40 x 60	Acrylic, 40 x 60 cm	3,6 kg	9 - 15 m
SM 60 x 80	Acrylic, 60 x 80 cm	5,8 kg	15 - 22 m



#### **Observation mirror EC**



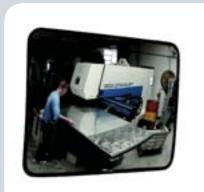


Application
Outdoor and indoor use

Material Acrylic Fixing on the wall

Warranty 2 Years

The most economic type of all our mirrors is especially made for observation of areas in warehouses and workplaces. Each mirror is supplied with a telescope bracket which makes an easy installation and adjustment for the perfect viewing possible.



Picture: rectangular type



Picture: Standard telescopic fixing 30 - 50 cm

Art. No.	Discription	Weight	Viewing distance
For indoor use			
EC-RS 30	Acrylic, round ø 30 cm	1,4 kg	1 - 4 m
EC-RS 40	Acrylic, round ø 40 cm	1,4 kg	1 - 5 m
EC-RS 50	Acrylic, round ø 50 cm	1,6 kg	5 - 7 m
EC-RS 60	Acrylic, round ø 60 cm	1,6 kg	9 - 15 m
EC-RS 70	Acrylic, round ø 70 cm	2,8 kg	12 - 17 m
EC-RS 80	Acrylic, round ø 80 cm	4,0 kg	15 - 22 m
EC-RS 40 X 60	Acrylic, 40 x 60 cm	2,4 kg	1 - 5 m
EC-RS 60 X 80	Acrylic, 60 x 80 cm	3,4 kg	9 - 15 m
For outdoor and in	ndoor use		
EC-US 30	Acrylic, round ø 30 cm	1,6 kg	1 - 4 m
EC-US 40	Acrylic, round ø 40 cm	2,0 kg	1 - 5 m
EC-US 50	Acrylic, round ø 50 cm	2,4 kg	5 - 7 m
EC-US 60	Acrylic, round ø 60 cm	3,4 kg	9 - 15 m
EC-US 70	Acrylic, round ø 70 cm	4,6 kg	12 - 17 m
EC-US 80	Acrylic, round ø 80 cm	6,2 kg	15 - 22 m



#### **Industrial mirror INOX**

Heat resistant up to 350°C with detachable PVC edging





Application
Outdoor and indoor use

Material Inox Fixing On the wall Warranty 2 Years

This mirror is made of non-corrosive lnox so it can be used for high temperature applications areas as well as in the food industry. It is chemical resistant. The PVC frame has to be taken off after installation.



Picture: Detachable PVC frame



Picture: round type
Application: food industry

Picture: Standard telescopic fixing

Art. No.	Discription	Weight	Viewing distance
INOX HF 45 X 60	Inox, 45 x 60 cm	4,4 kg	9 - 15 m
INOX HF 60	Inox, round ø 60 cm	6,8 kg	9 - 15 m
INOX HF 60 X 80	Inox, 60 x 80 cm	12,0 kg	15 - 22 m NEW
INOX HF 80	Inox, round ø 80 cm	13,0 kg	15 - 22 m NEW





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info@dancop.com

### **Mirror Transpo 180°**





Application Indoor use

Material Acrylic Fixing On the wall Warranty 2 Years

Our mirror Transpo is used where the risk of accidents (for example with forklifts and other vehicles) is very high. The wide angle maximizes the drivers and pedestrian visual capacity view and helps to prevent accidents in workplaces.

Get more information by email: info@dancop.com



Picture: Standard telescopic fixing 30 - 50 cm

Art. No.	Discription	Weight	Viewing distance
TRANSPO AC 45	Acrylic, 45 cm	1,6 kg	1 - 2 m
TRANSPO AC 60	Acrylic, 60 cm	3,4 kg	9 - 15 m
TRANSPO AC 80	Acrylic, 80 cm	5,2 kg	15 - 20 m



#### **Mirror Transpo 25**

For the safety for forklift-drivers

Used as rear mirror in fork lifts





Application
Outdoor and indoor use

Material Acrylic Fixing by screws in the driver cabin

Warranty 2 Years

The mirror increases the safety of the forklift drivers and pedestrians. Perfect application as rear-view mirror for forklifts and industrial trucks.



Picture: during use



Picture: fixing

Any questions? Please call us on: +49 (0) 51 71 - 58 56 90

Art. No.	Discription	Weight	Viewing distance
TRANSPO 25	Acrylic, 25 cm	0,5 kg	1-2 m



#### Dome mirror 360°

More safety in your logistic areas or sales areas

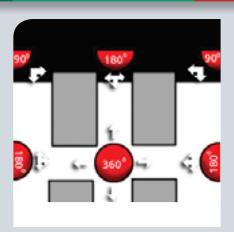


Application Indoor use

Material Acrylic or polycarbonate

Fixing Chain / Ceiling Warranty 2 Years

Due to the 360° overview, our globe mirror is recommended for surveillance in industrial areas. It helps to prevent accidents on ways where forklift trucks are circulating or in production areas. It can be fixed by chains or directly screwed on the ceiling.



Picture: where to install the dome mirrors



Picture: chain set for ceiling installation

Art. No.	Discription	Weight	Depth	Viewing distance
BM 360				
BM 60-3	Acrylic, ø 60 cm	1,1 kg	29 cm	16 - 20 m
BM 80-3	Acrylic, ø 80 cm	1,5 kg	35 cm	21 - 30 m
BM 90-3	Acrylic, ø 90 cm	2,3 kg	37 cm	30 - 40 m
BM 100-3	Acrylic, ø 100 cm	2,8 kg	38 cm	40 - 50 m
BM 125-3	Acrylic, ø 125 cm	4,2 kg	49 cm	50 - 60 m
BM PC 60	Polycarbonate, ø 60 cm	1,1 kg	29 cm	16 - 20 m
3095	Chain for dome mirror up to 100 cm	0,1 kg		
3097	Chain for dome mirror BM 125-3 (125 cm)	0,5 kg		



#### Dome mirror 90° and 180°



BM 180





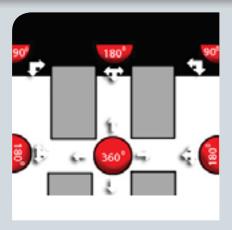
BM 90

Application Indoor use

Material Acrylic Fixing On the wall, ceiling or corner

Warranty 2 Years

Our globe mirrors 90° and 180° give a global overview in T-junctions and similiar hazardous areas. These mirrors make the traffic movements in workplaces visible and reduce the chances of industrial injuries. The mirrors are placed directly on the wall or ceiling.



Picture: where to install the dome mirrors



Picture: BM 60-1 industrial use

Art. No.	Discription	Weight	Depth	Viewing distance
BM 180				
BM 60-2	Acrylic, 60 cm	0,5 kg	29 cm	10 - 15 m
BM 80-2	Acrylic, 80 cm	1,0 kg	35 cm	15 - 20 m
BM 100-2	Acrylic, 100 cm	1,3 kg	38 cm	25 - 30 m
BM 90				
BM 60-1	Acrylic, 60 cm	0,3 kg	29 cm	10 - 15 m
BM 80-1	Acrylic, 80 cm	0,4 kg	35 cm	15 - 20 m
BM 100-1	Acrylic, 100 cm	0,7 kg	38 cm	25 - 30 m







Application Indoor use

Material Acrylic Fixing on the wall/racks

Warranty 2 Years

This mirror was made to check "dead areas" effectively. The fixing can be adjusted as per your needs.

TÜV certified

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Picture: Backside of the mirror T-3 with clamp

Art. No.	Discription	Weight	Viewing distance
T-3	Acrylic, 36 x 30 x 30 cm	0,6 kg	1-3 m
T-5	Acrylic, 38 x 34 x 34 cm	0,8 kg	1-3 m



#### **INPEX Check out - curved shape**







Flat mirror made of acrylic

Application Indoor use

Material Acrylic Fixing On the wall/ceiling

Warranty 2 Years

Due to ist special curvature, our INPEX check out mirror is a cost effective tool against shop lifting and is especially made for self service shops and cashier areas. The risk of theftage is reduced and a discrete view in the shopping trolley can be made.

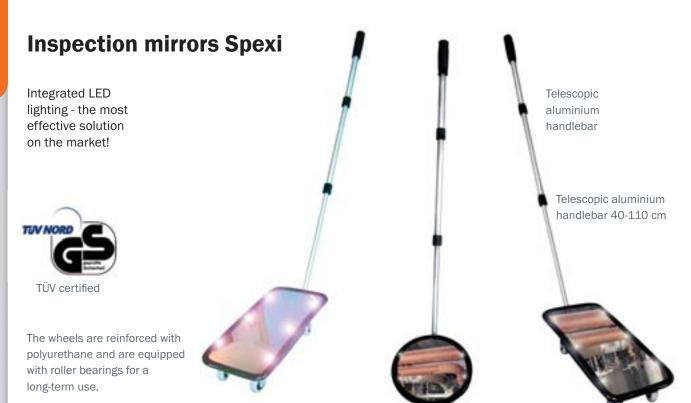
Art. No.	Discription	Weight	Viewing distance
IP 30 x 100	Acrylic, 30 x 100 cm	1,2 kg	1 - 3 m

Any questions? Please call us on: +49 (0) 51 71 - 58 56 90

Our multi-use flat mirror is for shops and commerce. The mirror is made of acrylic, impact resistant and with aluminium frame. Due to it's light weight, it can be installed easily on the wall or with chains (seperately available) on the ceiling.

Art. No.	Discription	Weight	Viewing distance
IP AC 30 X 40	Acrylic, 30 x 40 cm	0,9 kg	1 - 4 m
IP AC 40 X 60	Acrylic, 40 x 60 cm	1,5 kg	1 - 6 m
IP AC 60 X 80	Acrylic, 60 x 80 cm	2,8 kg	1 - 6 m
IP AC 30 X 100	Acrylic, 30 x 100 cm	1,9 kg	1-8 m
IP AC 50 X 100	Acrylic, 50 x 100 cm	1,9 kg	1-8 m
IP AC 75 X 100	Acrylic, 75 x 100 cm	4,2 kg	1 - 10 m





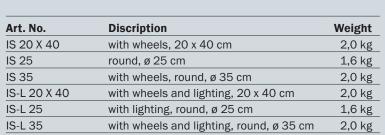
Application
Outdoor and indoor use

Material Acrylic Usage Airports or garage Warranty 5 Years\*

Our inspection mirror makes it possible to check areas of vehicles and machines which are difficult to access. It's equipped with LED lighting and can be used night and day. Due to its light weight, the mirror can be easily carried around.



Picture: in the garage





Picture: backside of the mirror

\* Warranty 1 year on the electrical system



# CRASH STOP® SAFETY PRODUCTS



Steel swing gate

page 36



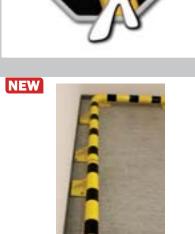






Steel impact protection page 48





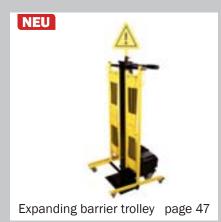








Guardrail, height adjustable p. 55









Steel

#### MODULAR SAFETY RAILING

The Safety Railing is consisting of different elements and it can be put together as per your needs.

Made of steel, galvanized and powder coated for outdoor use and only powder coated for indooor use.

Colour: similar to RAL 1023, traffic yellow. The fixing materials are available separately. Dimensions of the safety railing: in different length: 1,00 m, 1,20 m, 1,35 m and 1,50 m.

Two different heights are available: 50 cm and 100 cm.

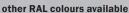
Individual sizes can be offered.



#### Beams for safety barrier, size 80 x 140 mm

Beam	Art. No.	Art. No.	
Length	powder- coated	galvanised and powder- coated	Weight
50 cm	B-50	B+50	6,3 kg
75 cm	B-75	B+75	9,5 kg
100 cm	B-100	B+100	11,0 kg
120 cm	B-120	B+120	11,2 kg
135 cm	B-135	B+135	13,8 kg
150 cm	B-150	B+150	14,2 kg
200 cm	B-200	B+200	22,0 kg



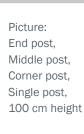


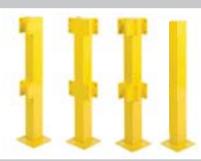


Posts for safety barrier, post size 100 x 100 mm, ground plate 200 x 200 mm, with each 4 bore holes Ø 12,5 mm, for outdoor and indoor use, galvanised for outdoor use

Post 50 cm		Weight Post 100 cm			Weight
Indoor use Art. No.	Outdoor use Art. No.		Indoor use Art. No.	Outdoor use Art. No.	
PE-50	PE+50	8,5 kg	PE-100	PE+100	14,0 kg
PM-50	PM+50	9,8 kg	PM-100	PM+100	15,7 kg
PW-50	PW+50	10,0 kg	PW-100	PW+100	15,7 kg
			P-100	P+100	12,6 kg
	Indoor use Art. No. PE-50 PM-50	Indoor use use Art. No. Art. No.  PE-50 PE+50 PM-50 PM+50	Indoor	Indoor use	Indoor use Art. No.

Floor anchors 85 mm galvanised Art. No. FIX1





Picture: End post, Middle post, Corner post, 50 cm height







Steel

#### **COLUMN PROTECTION**

The Columns Protection made of Steel consists of parts of the TÜV certified Safety Barrier Steel. The Columns Protector enables the protection of columns with measures max. 60x60 cm.

The Set consists of 4 Corner Posts with a height of 1000 mm and 8 beams (Fixing Material included). The Fixing Material for floor mounting is available on request. The yellow coloring of the Column Protector ensures a good visibility and helps to prevent ramming damage in advance.









Picture: column protection Art. No. SSG-75 with expanding barrier Art. No. KIT-SG 70-30

Column protection made of steel, consisting of  $T\ddot{U}V$ -certified safety barrier, height 1000 mm, yellow powder coated (similar to RAL 1023) for indoor use. Column protection consisting of 4 corner posts and 8 beams, corner post with base plate 200 x 200 mm, 4 boreholes Ø 12,5 mm, beams 140 x 80 mm, delivery including fixing material for beam fixing on post, ground fixing material available on request

Art. No.	For columns	Weight
SSG-50	Column protection for columns max. 40 x 40 cm	114,0 kg
SSG-75	Column protection for columns max. 60 x 60 cm	142,0 kg
FIX1	Floor anchors 85 mm galvanised	0,06 kg



Steel

#### **SWING GATE**



The Swing Gate for the TÜV certified Safety Barrier Steel is a effective solution to secure passage ways with a width of 850 mm. Due to the bended construction the Swing Gate is highly visible, even in longer sections of a Barrier. The Swing Gate closes automatically to ensure a safe entrance and to minimize the risk of accident.

The Swing Gate can be placed in a customized Safety Barrier System together with the different parts of the TÜV certified Safety Barrier Steel.



Swing gate made of steel with two posts, total width 1050 mm, total width incl. ground plate 1070 mm, total height 1000 mm, width of the swing gate 850 mm, height of swing gate element 200 mm steel  $\emptyset$  42.4 x 2.6 mm, distance from floor to lower cross-bar: 760 mm, delivery incl. 2 posts, delivery of swing gate mounted on one post, ground plate of post 200 x 200 mm with 4 boreholes for floor mounting, powder coated (similar to RAL 1023) for indoor use



Art. No.	Total width	Passage width	Weight
SWTSG-	1050 mm	850 mm	33,2 kg



# STOP

Steel

## SLIDE GATE

The Slide Gate for the TÜV certified Safety Barrier Steel is a safe solution to secure passage ways up to 3 m. With the slide mechanism the Slide Gate can be opened easily, the gate parts don't block the passageway. By opening the gate, the gate enters the beams of the Safety Barrier System and allows safe and easy access. With the double-sided handle the gate can be easily opened and closed.

The Slide Gate comes pre-assembled and can be used free-standing, in combination with a slampost (Art. No. P-100, page 34) or in a customized Safety Barrier System with the parts of the TÜV certified Safety Barrier Steel.

When planning a modular system, the endpost which is included in the delivery, will be placed at the end of the safety barrier and is replaced by a middle or corner post.



Slide gate for safety barrier, height 1000 mm, item consisting of two posts each 100 x 100 mm, two beams 140 x 80 mm, one vertical strut 60 x 60 mm. Ground plate of post 200 x 200 mm with each 4 boreholes for floor mounting, yellow powder coated (similar to RAL 1023) for indoor use, delivered pre-assembled

Art. No.	Total width	Passage width	Weight		1
SBTSG-100	2760 mm	1000 mm	72,8 kg	-	
SBTSG-150	3760 mm	1500 mm	86,3 kg	4 17 1001	The second second
		*	With two gates Maximal pass 3,0 m is p	each 1,5 m: sage way of ossible!	Picture: scope of delivery
			1 [		
1				-	

2 x 1,5 m = 3,0 m

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## **EXPANSION MODULES / SPECIAL SOLUTIONS**



The add-on modules for the TÜV certified Safety Railing help to increase safety in areas of logistic and production and to prevent damages and injuries.

The add-on modules can be integrated in new- or already existing Safety Railing Barriers. The Protecting Mesh and the underride guard help to close the front of the Barrier and to prevent accidents caused by underriding or reaching.

The Information Board and Mounting Post are Extension Modules which can be placed directly on the top beam of the Safety Barrier. On the Information Board important notes or information sheets can be placed - easy to see for anyone. The Mounting Post enables the installation of Safety Mirrors or caution signs to get an overview about the area. The XL Corner Post is the perfect choice for areas with highly frequented traffic to grant optimal impact protection. The Wall Bracket to connect the Safety Barrier with the wall, the Magnet for connecting a Barrier Chain (available on request) and the Magnetic Tape Cartridge perfectly complete the assortment.



Picture: Artikelkomponenten - Spiegel siehe Seite 17

All items on the pages 36 up to 41 can be combined with our safety barrier!

## INFO PANEL

NEW

Info panel to attach to the safety barrier, height 800 mm x width 1000 mm, fixing of the panel directly on the beam of the safety barrier by two holders, powder coated (similar RAL 1023) for indoor use, fixing material included

Art. No.	Discription	Height	Weight
ITSG-100	Infopanel width 1000 mm	800 mm	11,2 kg



## **POST**

NEW

Post  $\emptyset$  60 mm for installation of a mirror or caution sign on the safety barrier, fixing directly on the beam of the safety barrier, height 12000 mm, powder coated (similar RAL 1023) for indoor use, fixing material included

Art. No.	Discription	Height	Weight
SPSG-100	Post 60 mm	1200 mm	8,0 kg





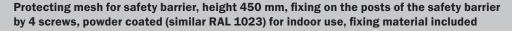




## PROTECTING MESH

NEW

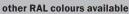




NEW

Art. No.	Discription	Weight
DSSG-50	Length 500 mm	3,1 kg
DSSG-100	Length 1000 mm	4,6 kg
DSSG-120	Length 1200 mm	5,9 kg
DSSG-135	Length 1350 mm	6,8 kg
DSSG-150	Length 1500 mm	7,8 kg
DSSG-200	Length 2000 mm	9,1 kg







## **UNDERRIDE GUARD**

Underride guard for safety barrier, to attach on the lower beam of the safety barrier, height 490 mm, width 89 mm, steel 4 mm, powder coated (similar RAL 1023) for indoor use

Art. No.	Discription	Weight
UFSSG-50	Length 380 mm	8,5 kg
UFSSG-100	Length 880 mm	19,6 kg
UFSSG-120	Length 1080 mm	24,0 kg
UFSSG-135	Length 1230 mm	27,4 kg
UFSSG-150	Length 1380 mm	30,8 kg
UFSSG-200	Length 1880 mm	41,9 kg









## XL-CORNER POST

Corner post XL Ø 159 mm for safety barrier, height 1200 mm, base plate 240 x 240 x 6 mm, 4 boreholes Ø 12,5 mm, yellow powder coated (similar to RAL 1023) for indoor use with black marking strips.

Galvanised for outdoor use.

Fixing material not included (separately available).







Ar

other RAL colours available

rt. No.	Discription	Weight
W-XL+120	Corner post outdoor use galvanised and powdercoated	28,0 kg
W-XL-120	Corner post indoor use powdercoated	28,0 kg

All items on the pages 36 up to 41 can be combined with our safety barrier!

## WALL BRACKET

The Wall Bracket for the TÜV certified Safety Barrier Steel is a cost-effective solution to connect the beams of the Safety Barrier Steel with walls or other levelled surfaces. The assembly is made with screws and dowels (not included). To connect the beams with the Wall Bracket, just fix the beams between the locating strips.

Wall bracket for safety barrier, galvanized and yellow powder coated (similar to RAL 1023), mounting plate 110 x 120 x 6 mm, mounting holes Ø 12.5 mm, without fixing materials, indoor and outdoor use

Art. No.	Discription	Size	Weight
WSG+	Wall bracket	110 x 120 x 60 mm	1,54 kg









## MAGNETIC RETRACTABLE BARRIER







Retractable barrier 50 mm wide, with magnetic end and magnetic fixing, with acrylic holder, without label, with diagonal stripes, belt length 4600 mm, 3 fixation magnets each with 90 N holding force, holder 118 x 143 x 85 mm

Art. No.	Colour band	Colour Holder	Width	Weight
MGB-GS	yellow/black	yellow/black	4600 mm	1,0 kg
MGB-RW	red/white	red/black	4600 mm	1,0 kg



All items on the pages 36 up to 41 can be combined with our safety barrier!

# MAGNET WITH HOOK - ADHESIVE FORCE APPROX. 30 KG





Pot magnet with pins and internal thread M5, with hook, total height 48 mm, pot height 8 mm, Ø total 32 mm, Ø pin 10 mm, tolerance +/-0.1 mm, material magnet NdFeB (alloy from neodymium, iron, boron), magnetisation / level N38, coating NiCuNi (nickel), adhesive force approx. 30 kg, max. operation temperature 80° C

Art. No.	Discription	Height	Weight
TOMA+ZIH	Magnet with hook	48 mm	0,052 kg





## SAFETY BARRIER OF STEEL Ø 48 MM

STOP

The Safety Barrier Steel with a pipe diameter of 48 mm is a good working solution to separate drive- and walkways. The yellow/black coloring ensures a high visibility. With the different parts, incl. the unique variable post with a rotation angle of 270°, it is possible to create Barriers in every conceivable angle.

The single parts of this Modular Safety Barrier do not have to get connected with screws, they get plugged. For mounting the system, there are just floor anchors needed (available on request).







Safety barrier made of steel Ø 48,3 mm, 2,9 mm wall thickness, galvanised and yellow powder coated (similar to RAL1023) with black marking strips, for floor mounting, ground plate of post 150 x 100 x 6 mm with each 4 boreholes Ø 10 mm

Art. No.	Discription	Weight
E-SG	End post 1000 x 250 mm	5,4 kg
W-SG	Corner post 1000 x 500/250 mm	7,2 kg
M-SG	Middle post 1000 x 500 mm	7,4 kg

Modular corner post for safety barrier made of steel  $\emptyset$  60 mm, 270° rotating, 2,9 mm wall thickness, galvanised and yellow powder coated (similar to RAL 1023) with black marking strips, for floor mounting, ground plate 150 x 100 x 6 mm, 4 boreholes  $\emptyset$  10 mm

Art. No.	Discription	Ground plate	Weight
VE-SG	Modular corner post 1000 x 250 x 250 mm	150 x 100 x 6 mm	12,0 kg

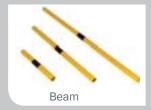
**Galvanised for outdoor use** 

270° rotating

Modular corner post

Beam for safety barrier, beam  $\emptyset$  48,3 mm, 2,9 mm wall thickness, galvanised and yellow powder coated (similar to RAL 1023) with black marking strips

Art. No.	Discription	Weight
RH-SG 50	Rohrholm 500 mm	1,6 kg
RH-SG 100	Rohrholm 1000 mm	3,2 kg
RH-SG 150	Rohrholm 1500 mm	4,8 kg





STOP R

Steel

## **EXPANDING BARRIER**

Our TÜV-certified expanding barriers are made of steel and they are ideally suited for fencing off quickly and effectively all Typees of dangerous areas.

Available colours: red/white with red reflecting warn marking and yellow/black.

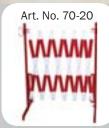
The expanding barriers allow a space-saving storage. They are available with or without wheels or with our whithout wall mounting.





with wheels and wall fixing













Expanding barrier steel, TÜV certified, height 1050 mm, powder coated (similar RAL 1023) for indoor use, red/white version with both sides reflecting warn marking

Art. No.	Width	Colour	With wheels	Wall fixing	Material thickness	Weight
70-10	3600 mm	red/white	no	no	4 x 25 mm	13,1 kg
70-20	4000 mm	red/white	no	no	5 x 40 mm	20,3 kg
70-30	3600 mm	yellow/black	no	no	4 x 25 mm	13,1 kg
70-40	4000 mm	yellow/black	no	no	5 x 40 mm	20,3 kg
70-10R	3600 mm	red/white	yes	no	4 x 25 mm	14,6 kg
70-20R	4000 mm	red/white	yes	no	5 x 40 mm	22,2 kg
70-30R	3600 mm	yellow/black	yes	no	4 x 25 mm	14,6 kg
70-40R	4000 mm	yellow/black	yes	no	5 x 40 mm	22,2 kg
70-10W	3600 mm	red/white	yes	yes	4 x 25 mm	14,3 kg
70-20W	4000 mm	red/white	yes	yes	5 x 40 mm	21,6 kg
70-30W	3600 mm	yellow/black	yes	yes	4 x 25 mm	14,3 kg
70-40W	4000 mm	yellow/black	yes	yes	5 x 40 mm	21,6 kg





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## POST WITH EXPANDING BARRIER







As an addition to our range of TÜV-certified expanding barriers with wall fixings in steel, the variation with combined steel posts can be positioned in areas where wall fixings are not possible. Like the TÜV-certified expanding barriers with wall fixings these combined sets are

also available in yellow-black and red-white in the standard lengths of 3.6 m and 4.0 m.

The steel barrier posts are for floor mounting with base plate, rectangular 70 x 70 mm or round (diameter 60 mm). For existing barrier posts,

it is possible to use the KIT version with an adaptor.

For temporary use, the barrier post can be combined with the mobile base plate including the expanding barrier.

## Post (height 1000 mm) for floor mounting including expanding barrier (height 1050 mm), groundplate post 195 x 120 mm

Art. No.	Post	Colour	Expanding barrier	Width	Colour	Weight
70-65	Ø 60 mm	yellow/black	Flat steel 25 x 4 mm	3600 mm	yellow/black	18,4 kg
70-70	Ø 60 mm	yellow/black	Flat steel 40 x 5 mm	4000 mm	yellow/black	25,0 kg
70-55	Ø 60 mm	red/white	Flat steel 25 x 4 mm	3600 mm	red/white	18,4 kg
70-60	Ø 60 mm	red/white	Flat steel 40 x 5 mm	4000 mm	red/white	25,0 kg
70-105	70 x 70 mm	yellow/black	Flat steel 25 x 4 mm	3600 mm	yellow/black	18,4 kg
70-110	70 x 70 mm	yellow/black	Flat steel 40 x 5 mm	4000 mm	yellow/black	25,5 kg
70-95	70 x 70 mm	red/white	Flat steel 25 x 4 mm	3600 mm	red/white	18,4 kg
70-100	70 x 70 mm	red/white	Flat steel 40 x 5 mm	4000 mm	red/white	25,5 kg



Post Ø 60 mm (height 1000 mm) with mobile base plate (8 kg) incl. expanding barrier (height 1050 mm), mobile base plate octagonal, take in Ø 60 mm, width 37 cm, made of recycling material

Art. No.	Post	Colour	Expanding barrier	Width	Colour	Weight
70-85	Ø 60 mm	yellow/black	Flat steel 25 x 4 mm	3600 mm	yellow/black	22,7 kg
70-90	Ø 60 mm	yellow/black	Flat steel 40 x 5 mm	4000 mm	yellow/black	30,0 kg
70-75	Ø 60 mm	red/white	Flat steel 25 x 4 mm	3600 mm	red/white	22,7 kg
70-80	Ø 60 mm	red/white	Flat steel 40 x 5 mm	4000 mm	red/white	30,0 kg





## **EXPANDING BARRIER KIT**



Expanding barrier kit with fixing bracket for mounting on already existing round posts (Ø 60 mm, excl. post)

			,			
Art. No.	Discription	Colour	Expanding barrier	Width	Colour	Weight
KIT 70-55	Expanding barrier kit	red/white	Flat steel 25 x 4 mm	3600 mm	red/white	15,2 kg
KIT 70-60	Expanding barrier kit	red/white	Flat steel 40 x 5 mm	4000 mm	red/white	23,2 kg
KIT 70-65	Expanding barrier kit	yellow/black	Flat steel 25 x 4 mm	3600 mm	yellow/black	15,2 kg
KIT 70-70	Expanding barrier kit	yellow/black	Flat steel 40 x 5 mm	4000 mm	yellow/black	23,2 kg



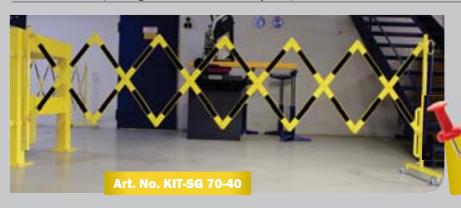






Expanding barrier kit with fixing bracket for mounting on already existing posts (70 x 70 mm, excl. post)

Art. No.	Discription	Colour	Expanding barrier	Width	Colour	Weight
KIT 70-95	Expanding barrier kit	red/white	Flat steel 25 x 4 mm	3600 mm	red/white	15,2 kg
KIT 70-100	Expanding barrier kit	red/white	Flat steel 40 x 5 mm	4000 mm	red/white	22,9 kg
KIT 70-105	Expanding barrier kit	yellow/black	Flat steel 25 x 4 mm	3600 mm	yellow/black	15,2 kg
KIT 70-110	Expanding barrier kit	yellow/black	Flat steel 40 x 5 mm	4000 mm	yellow/black	22,9 kg





To be combined with our safety barrier page 34

## Expanding barrier kit yellow-black (for mounting on existing posts 100 x 100 mm (for safety railing))

Art. No.	Discription	Expanding barrier	Width	Weight
KIT SG 70-30	Expanding barrier kit	Flat steel 25 x 4 mm	3600 mm	15,9 kg
KIT SG 70-40	Expanding barrier kit	Flat steel 40 x 5 mm	4000 mm	22,9 kg

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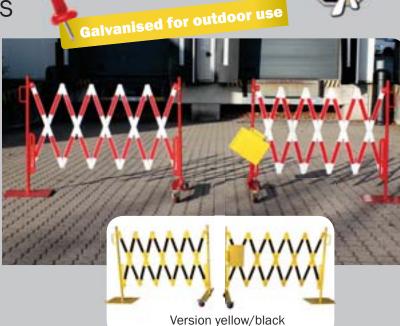
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## **EXPANDING BARRIER SETS**

The highest stability without floor mountings is provided by the massive steel expanding barrier sets in the widths 4m and 16m. These TÜV-certified expanding barriers can be used to temporarily cordon off wide access roads and areas.

They are easy and safe to handle due to ball bearing wheels, handles and self-locking nuts. The individual expanding elements are connected together with a coupling element; in addition an A4-sized information board can be added.



Expanding barrier, base plate  $400 \times 300 \times 6$  mm outside, flat steel  $40 \times 5$  mm, galvanised and powder coated, heavy-duty version, castors 500 mm in width with locks, connector in the middle with a holder for a DIN A4 sized document to join the two expanding barriers together, with ball bearing rollers, self-locking nuts and handles.

Art. No.	Discription	Weight
70-115	Expanding barrier set 2 x 2000 mm, red-white galvanized and powder coated	54,0 kg
70-125	Expanding barrier set 2 x 2000 mm, yellow-blacknized and powder coated	54,0 kg







Expanding barrier,  $400 \times 300 \times 6$  mm outside, flat steel  $40 \times 5$  mm, galvanised and powder coated, heavy-duty version, 6 castors each 500 mm in width with locks, connector in the middle with a holder for an A4-sized document to join the two expanding barriers together, with ball bearing rollers, self-locking nuts and handles.

Art. No.	Discription	Weight
70-120	Expanding barrier set 2 x 8000 mm, red-white galvanized and powder coated	128,0 kg
70-130	Expanding barrier set 2 x 8000 mm, yellow-black galvanized and powder coated	128,0 kg





## **EXPANDING BARRIER TROLLEY**





The Expanding Barrier Trolley is the best solution for temporary shut-offs in case of assemblies, maintenance works or cleaning operations. The Trolley enables a fast and location-independent use of the integrated Expanding Barriers. With integrated tool holder for fast access. The integrated Expanding Barriers on both sides of the Trolley are adjustable to a length of 2000 mm and can be rotated in an angle of 180°. Thereby you can always find the best position of the Barrier to create a safeguarding that exactly suits your needs.

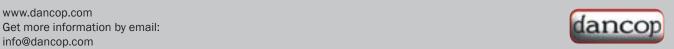
Safe stand with foot plate on the underside of the Trolley. The optionally available metal warning sign can placed on the Trolley and generate a plus on awareness.

Art. No.	Discription	Weight
70-150	Expanding barrier trolley, with two expanding barriers, each 2000 mm, right and left extensible, 180 ° swivel, yellow powdercoated (similar RAL 1023), with black warn marking, with tool box and steel triangle as warning labeling, for indoor use	40,0 kg

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## IMPACT PROTECTION STEEL

The steel impact protection products are made of high grade steel and facilitate the effective protection of inventory, machines and buildings – indoors and outdoors. Hazardous areas are clearly marked due to the combination of the yellow coating and the black marking strips. The beams and posts are available in 76 mm diameter. The hoop guards have been deformed with the newest bending technology – no welds!

The bollards are available in the diameters 76 mm, 88.9 mm and 159 mm.

The product is mounted with floor anchors that are available separately.

The Hoop Protection Guards with underride protection are a perfect addition for sensible areas that require even a higher level of protection. The Hoop Protection Guards with underride protection are available in a variety of Typees and measures that makes it easy to find the best suiting product



powder-coated

Hoop protection guards, with base plate for floor mounting, base plate 120 x 195 mm, pipe diameter  $\emptyset$  76 mm, material thickness 3,2 mm, galvanised for outdoor use

Art. No.	Art. No.		EW: TÜV CER	TIFIED
powder- coated	galvanised and powder-			
	coated	Height	Width	Weight
30-10	30-10-	350 mm	375 mm	6,9 kg
30-20	30-20-	350 mm	750 mm	8,5 kg
30-30	30-30-	350 mm	1000 mm	10,1 kg
30-40	30-40-	600 mm	750 mm	11,5 kg
30-50	30-50-	600 mm	1000 mm	13,0 kg
30-60	30-60-	1200 mm	750 mm	18,5 kg
30-70	30-70-	1200 mm	1000 mm	20,0 kg

bended = no welds!

Hoop protection guards with underride guard, base plate for floor mounting 120 x 195 mm, pipe diameter  $\emptyset$  76 mm, material thickness 3,2 mm, for indoor use

			Height	
Art. No.	Height	Width	underride guard	Weight
30-20-U	350 mm	750 mm	150 mm	11,4 kg
30-30-U	350 mm	1000 mm	150 mm	13,0 kg
30-40-U	600 mm	750 mm	400 mm	18,0 kg
30-50-U	600 mm	1000 mm	400 mm	24,1 kg





## **IMPACT PROTECTION STEEL**





Bollard for floor mountig (base plate), Height: 1200 mm, galvanised and powder coated

Art. No.	Diameter	Ground plate	Material thickness	Weight
50-10	ø 76 mm	120 x 195 mm	3,2 mm	8,3 kg
50-25	ø 89 mm	140 x 200 mm	3,6 mm	9,9 kg
50-40	ø 159 mm	240 x 240 mm	4,5 mm	23,4 kg



**NEW: TÜV CERTIFIED** 

Bollard 1600 mm, to set in concrete, height 1200 mm above ground, galvanised and powder coated

Art. No.	Diameter	Material thickness	Weight
50-20	ø 76 mm	3,2 mm	9,4 kg
50-30	ø 159 mm	4,5 mm	23,4 kg

Crash protection beams, galvanised and powder coated, with base plate 120 x 195 mm, pipe diameter ø 76 mm, material thickness 3,2 mm

Art. No.	Discription	Weight
60-10	Length 400 mm	4,3 kg
60-20	Length 800 mm	6,6 kg
60-30	Length1200 mm	8,9 kg

Corner protection, leg length 600 mm, pipe diameter ø 76 mm, material thickness, with base plate 120 x 195 mm, galvanised for outdoor use

Art. No.	Art. No.		
powder- coated	galvanised and powder- coated	— Height	Weight
40-10-	40-10	350 mm	12,9 kg
40-20-	40-20	600 mm	17,5 kg
40-30-	40-30	1200 mm	27.9 kg

NEW



**Mobile plate** 120 x 195 mm Art. No. 30-00



bended = no welds!

Corner protection with underride guard, height 1000 mm, with base plate, pipe diameter ø 76 mm, material thickness 3,2 mm

Art. No.	Art. No.	_		
powder- coated	galvanised and powder- coated	legs	Height underride guard	Weight
40-40-UW-	40-40-UW	300 mm	200 mm	16,8 kg
40-50-UW-	40-50-UW	600 mm	200 mm	28,7 kg
40-60-UW-	40-60-UW	900 mm	200 mm	40,0 kg
40-70-UW-	40-70-UW-	1200 mm	200 mm	50,0 kg





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## MODULAR WALL PROTECTION





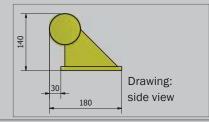
The Modular Wall Protection System made of steel is a perfect solution to secure logistic and production areas. With the different components the barrier matches perfectly with the local conditions. Due to the variety of straight elements and in- and outside corners endangered building sections can be protected easily.

Modular wall protection, straight, height 140 mm, width 180 mm,  $\emptyset$  76 mm, yellow powder coated (similar RAL 1023) with black marking strips, for indoor use, with base plate for floor mounting

Art. No.	Art. No.			
powder- coated	galvanised and powder- coated	Length	Width	Weight
80-500-	80-500	500 mm	140 mm	5,4 kg
80-1000-	80-1000	1000 mm	140 mm	10,5 kg

Art. No. 80-500 Art. No. 80-1000

Inner corners for wall protection, height 140 mm, width 180 mm,  $\emptyset$  76 mm, yellow powder coated (similar RAL 1023) with black marking strips, for indoor use, with base plate for floor mounting



Picture: Protection of an inner

corner, left

Discription	Corner 90° right, inside		Corr	ner 90° left, inside
	Length 500 mm Art. No.	Length 1000 mm Art. No.	Length 500 mm Art. No.	Length 1000 mm Art. No.
powdercoated	80-500WRI-	80-1000WRI-	80-500-WLI-	80-1000-WLI-
galvanised and powdercoated	80-500WRI	80-1000WRI	80-500-WLI	80-1000-WLI
Weight	5,4 kg	10,9 kg	5,4 kg	10,9 kg
Drawing				

Outside corners for wall protection, height 140 mm, width 180 mm,  $\emptyset$  76 mm, yellow powder coated (similar RAL 1023) with black marking strips, for indoor use, with base plate for floor mounting

Discription	Corner 90° right, outside		Corner 90° left, outside		
	Length 500 mm	Length 1000 mm	Length 500 mm	Length 1000 mm	
	Art. No.	Art. No.	Art. No.	Art. No.	
beschichtet	80-500WRA-	80-1000WRA-	80-500-WLA-	80-1000-WLA-	
galvanised and beschichtet	80-500WRA	80-1000WRA	80-500-WLA	80-1000-WLA	
	5,4 kg	10,9 kg	5,4 kg	10,9 kg	
Drawing					



## CRASH PROTECTION GUARD FOR PIPES AND CABLES



The protective elements enable a solid protection for pipes up to Ø 200 mm indoors and outdoors. The different measures together with the yellow/black warning colours make the product a perfect solution to protect pipes from damages and help to make repair works dispensable.





Crash protection guard for pipes and cables, width 300 mm, galvanised and yellow powdercoated (similar to RAL 1023), with black warn marking, with base plate for floor mounting, for outdoor use  $\frac{1}{2}$ 

Art. No.	Art. No.					
powdercoa- ted	galvanised and powder- coated	Height	Inner width	Tiefe	Flap	Weight
RS-500-	RS-500	500 mm	290 mm	230 mm	50 mm	8,7 kg
RS-1000-	RS-1000	1000 mm	290 mm	230 mm	50 mm	17,5 kg



## **CRASH PROTECTION GUARD**

Our crash protection guard is an effective protection for permanently located shelving which is used in conjunction with transport vehicles and in accordance with the safety regulation BGR 234.

Crash protection guards, height 400 mm, material thickness 5,0 mm, yellow powdercoated (similar RAL1023), with black warnmarking, for indoor use

Art. No.	Discription	Height	Material thickness	Weight
6260	L-Profile	400 mm	5,0 mm	6,0 kg
6250	U-Profile	400 mm	5,0 mm	6,0 kg
FIX1	Floor anchors	85 mm galva	nised	



U-Profile
Outer size
width
245 mm
Inner size
125 mm
Depth 200 mm



L-Profil inner leg length 180 mm Flap 50 mm







## HEIGHT RESTRICTOR

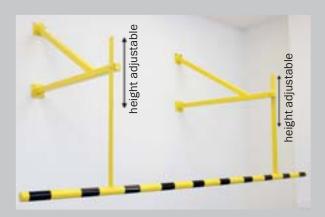
NEW

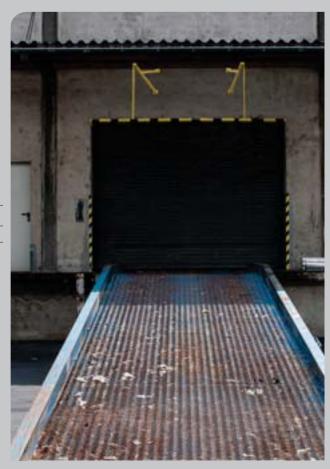


The Height Restrictor is a perfect solution to secure loading ramps and hall doors. The warning marks on the oscillating pole warns against the max. passage height to avoid damages caused by too high vehicles. The oscillating pole is adjustable from 350-700 mm.

Height restrictor, length 2400 mm, wall distance 1100 mm, adjustable height 350 - 700 mm, galvanised and yellow powdercoated (similar to RAL 1023), with black warn marking, with base plate for floor mounting, for outdoor use

Art. No.	Discription	Weight
HBG-2400	Height restrictor length 2400 mm	21,0 kg





Steel

## STEEL POST PROTECTION NEW

The Column Protector Steel is a perfect solution to protect columns up to 400 x 400 mm indoors and outdoors. The tubular pipes get connected with the steel beams to a stable unit. The yellow/black warning marks make the product highly visible. Mounting with foot plates.

Column protector made of steel, square, height 600 mm, side length 500 mm, made of two pieces, ground plate 160 x 70 mm with 12,5 mm boreholes, galvanised and yellow powdercoated (similar to RAL 1023), with black warn marking, with base plate for floor mounting, for outdoor use

Art. No.	Art. No.	_		
powder- coated	galvanised and powder coated	Height	Width	Weight
SRR-500-	SRR-500	600 mm	520 mm	19,0 kg







## **GROUND MARKING DEVICE**

R

The Ground Marking Device helps to place ground marks to mark internal drive- and walkways according to the workplace regulations. The Ground Marking Device is suitable for tape rolls with width 50-75 mm and enables an easy and precise application with the pre-assembled roller. Usable on dry, fat- and dust-free surfaces.







**Ground marking device and band** 

Art. No.	Discription	Weight
BMG	Ground marking device for band width 50 up to 75 mm	7,0 kg
	Ground marking band made of PVC, 5 pieces in a set, water restistant, with non-corrosive and resistant glue	
SET-MB-G-50	5 rolls ground marking band, yellow, width 50 mm, thickness 0,16 mm, length 33 m	1,0 kg
SET-MB-G-75	5 rolls ground marking band, yellow, width 75 mm, thickness 0,16 mm, length 33 m	1,0 kg
SET-MB-GS-50	5 rolls ground marking band, yellow/black, width 50 mm, thickness 0,2 mm, length 33 m	1,0 kg
SET-MB-GS-75	5 rolls ground marking band, yellow/black, width 75 mm, thickness 0,2 mm, length 33 m	1,0 kg
	Ground marking band made of metal, run over, thickness 0,7 mm, width 100 mm	
MB-ST1	100 mm x 1,5 m length	
MB-ST2	100 mm x 6,0 m length	







## MODULAR RACK END PROTECTION

NEW

The modular rack end protection is a useful product to protect the end parts of racks and shelvings. The leftand right sided modules protect the rack leg and enable, together with the side modules, a full protection of the end parts of the rack. The Hoop Guard comes with rounded edges.

Modular rack end protection made of steel, yellow powder coated (similar RAL 1023) with black marking strips, for indoor use, with base plate for floor mounting



Art. No.	Discription	Length	Height	Width	Weight
ME-SET-L	Set left	1230 mm	400/200 mm	280 mm	19,3 kg
ME-SET-R	Set right	1230 mm	400/200 mm	280 mm	19,3 kg
ME-F-R	Part A right	230 mm	400 mm	300 mm	8,2 kg
ME-F-L	Part A left	230 mm	400 mm	300 mm	8,2 kg
ME-V-R	Additional part B right	500 mm	200 mm		5,6 kg
ME-V-L	Additional part B left	500 mm	200 mm		5,6 kg



Art. No. ME-F-R Modular rack end protection Part A right



Picture: side view



Picture: connection



Art. No. ME-F-L Modular rack end protection Part A left



Picture: backside



Art. No. ME-V Additional part B, length 500 mm, height 200 mm



## HEIGHT-ADJUSTABLE GUARDRAIL

NEW

The height-adjustable guardrail is a special solution to protect against damages in areas with slopes.

The guardrail is adjustable to a level of 80 mm on a lenght of 2400 mm. Height adjustable with a levelling screw, mounting with adjustable foot plates.



Guardrail, height-adjustable, length 2400 mm, height of guard rail 300 mm, total height 436 – 516 mm, height adjustable up to 80 mm, galvanised and yellow powdercoated (similar to RAL 1023), with black warn marking, with base plate for floor mounting, for outdoor use

Art. No.	Discription	Weight
HVA-2400	Guardrail length 2400 mm, height adjustable 436 - 516 mm	24,4 kg



## IMPACT PROTECTION FOR LONG PALLETS

The Impact Protection for long palettes is the best solution to protect goods on long pallets, which are placed in standard racks and protrude into the pathway. Very easy and fast handling, no floor assembly needed. The Impact Protection gets fixed by the weight of the pallet and can get easily removed by lifting up the pallet with a lift truck or forklift. The black/yellow warning colours enable a high visibility

NEW

Impact protection for long pallets, made of steel, yellow/black, length 860 mm, height 400 mm, leg length 200 mm, cut-out 620 x 300 mm

Art. No.	Discription	Weight
6270	Impact protection for long pallets, made of steel, yellow/black, length 860 mm, height 400 mm, leg length 200 mm, cut-out 620 x 300 mm	14,0 kg







## BARRIER POST AND ACCESSORIES

The TÜV certified barrier posts and sets of chain posts are the most effective solution to mark and to warn of hazardous areas – indoor and outdoor industrial areas. The different versions, 60 mm in diameter or rectangular 70 x 70 mm, enable a wide range of applications and can be connected by polyethylene chains. Depending on the necessity, yellow-black and red-white barrier posts can be used which can be mounted on the floor with bolts (base plate) or encased in concrete.

Fixing material is available separately.

## Posts to set in concrete, galvanized and powder coated, height 1400 mm, red-white post with red reflecting foil

Art. No.	Discription	Weight
20-10	round, red/white, Ø 60 mm	5,5 kg
20-10+ÖSEN	round, red/white, Ø 60 mm, with eyelets	5,7 kg
20-20	round, yellow/black, Ø 60 mm	5,7 kg
20-20+ÖSEN	round, yellow/black, Ø 60 mm, with eyelets	5,7 kg
20-30	vierkant, 70 x 70 mm, red/white	6,2 kg
20-30+ÖSEN	vierkant, 70 x 70 mm, red/white, with eyelets	6,0 kg
20-40	vierkant, 70 x 70 mm, yellow/black	6,0 kg
20-40+ÖSEN	vierkant, 70 x 70 mm, yellow/black, with eyelets	6,0 kg

## Posts for floor mounting, galvanized and powder coated, Height: 1000 mm red-white post with red reflecting foil, base plate 120 $\times$ 195 mm

20-50	round, red/white, Ø 60 mm	5,2 kg
20-50+ÖSEN	round, red/white, Ø 60 mm, with eyelets	5,1 kg
20-60	round, yellow/black, Ø 60 mm	5,2 kg
20-60+ÖSEN	round, yellow/black, Ø 60 mm, with eyelets	5,0 kg
20-70	vierkant, 70 x 70 mm, red/white	5,5 kg
20-70+ÖSEN	vierkant, 70 x 70 mm, red/white, with eyelets	5,5 kg
20-80	vierkant, 70 x 70 mm, yellow/black	5,5 kg
20-80+ÖSEN	vierkant, 70 x 70 mm, yellow/black, with eyelets	5,7 kg

## Barrier post, Ø 60 mm, 1000 mm, galvanised and powder coated, with eyelets

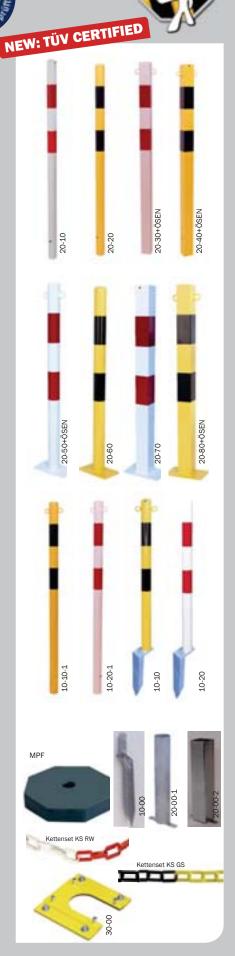
10-10-1	yellow/black	3,5 kg
10-20-1	red/white with red reflecting foil	3,5 kg

## Steel post and ground sleeve

10-10	Sperrpfosten yellow/black und Einschlag-Bodenhülse	8,5 kg
10-20	Sperrpfosten red/white refl. und Einschlag-Bodenhüle	8,5 kg
Zubehör		
MPF	Foot plate octangonal for posts Ø 60 mm, 37 cm	7,0 kg
10-00	Impact ground sleeve, for posts Ø 60 mm, galvanised	5,3 kg
20-00-1	Ground sleeve, intake Ø 62 mm, galvanised	2,7 kg
20-00-2	Ground sleeve, intake 74 x 74 mm, galvanised	3,0 kg
Kettenset KS GS	Chain yellow/black, 6 mm, 25 m	1,6 kg
Kettenset KS RW	Chain red/white, 6 mm, 25 m	1,6 kg
30-00	Mobile plate for posts with a ground plate of 120 x 195 mm	2,1 kg

NEW









STOP

Steel

## TRANSPORT RACK AND CHAIN POST SET

The Transport Rack for the chain post set is the best solution to carry and store the single chain posts. The easy handling and transport of the single components of the chain post set to the operation site becomes possible by the pre-assembled





NEW

Picture:	KPS-T	G-GS

Art. No.	Discription	Weight
KPS-TG-GS	Transport rack including chain post set yellow (Ref. NO. KPS-GS)	92,0 kg
KPS-TG-RW	Transport rack including chain post set red-white (Ref. NO. KPS-RW)	92,0 kg
KPS-TG	<b>Transport rack</b> for chain post set, black, to take 6 round posts 60 mm, with four wheels and metal box.	19,0 kg









Made of polyethylene

## PE CHAIN POST SET

The set of chain posts consists of six posts (diameter 40 mm) with eyelets, six mobile base plates and a polyethylene chain with a total length of 10 m.

The set of chain posts is available in yellow-black and red-white.





Chain post set, 860 mm in height, consisting of 6 polyethylene chain posts, 6 foot plates, 10 m chain (6 mm dia) and connector.

Art. No.	Discription	Weight
SET-LKP-GS	Polyethylene chain post set yellow-black	11,4 kg
SET-LKP-RW	Polyethylene chain post set red-white	11,4 kg

Steel and reyclingmaterial

## **HEAVY-DUTY CHAIN POST SETS**

The set of chain posts consists of six posts, (60 mm diameter, height 1000 mm, with eyelets) mobile base plates (8 kg) and a basic polyethylene chain with a total length of 25 m. The set of chain posts is available in red-white with red reflecting foil and in yellow-black.

Art. No.	Discription	 Weight	
KPS-GS	Chain post set yellow-black	73,0 kg	
KPS-RW	Chain post set red-white with red reflecting foil	73,0 kg	200 XX
		Transport rac page 57	K
	MAN I	V	V
		•	
	Application: outdoors	and indoors	<u> </u>



Made of PVC

# Made of PVC CHAIN POST SET OUTDOOR USE

The Chain Post Set PVC for outdoor use enables a fast and safe protection of danger points. The Chain Posts are equipped with a very stable heavy footplate. The synthetic material is very resistant and enables a long-term use. The single chain elements get connected with the posts via included adaptors.

Art. No.	Discription	Weight
MPF2	Footplate for Chain Post Set Outdoor	7,0 kg
SKP	Post for Chain Post Set Outdoor	1,0 kg
SET-SKP	Chain Post Set for outdoor use, consisting of 6 plastic chain posts Ø 100 mm, Height 1000 mm, yellow/black, 6 square Foot Plates, with 25 m PE chain red/white incl. Adaptor.	49,6 kg





Art. No. MPF2

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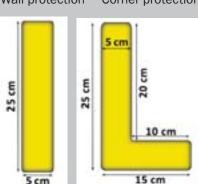
## WALL AND CORNER PROTECTION

These products are protecting walls and corners of buildings and are a good solution to minimize long term damages on buildings. This is a robust product, with eye-catching reflective warn marking, user friendly and easy to install.

## **Application: outdoors and indoors**



### Wall protection Corner protection



Art. No.	Discription	Length	Height	Weight
30410	Wall protection	250 mm	600 mm	1,1 kg
WFIX	Fixing set for one wall protection no. 30410			0,02 kg
30420	Corner protection	250 mm	600 mm	1,0 kg
EFIX	Fixing set for one corner protection no. 30420			0,04 kg



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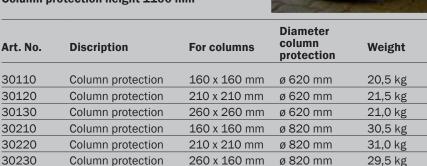
## COLUMN PROTECTION

Our Column Protection is a safeguard for posts and colums, consisting of two pieces, and is made of high-strength polyethylene. It's shock resistant against high impacts.

It's easy to set up and to install without tools or screws by one person and to be fixed with reinforced velcro fasteners.

Short or long-term use is possible. For outdoor and indoor use. The Column-protector has an eye-catching reflective warn marking.

## Column protection height 1100 mm





other possibilities



## MODULABLE COLUMN PROTECTION

The Modular Column Protector is an effective solution to protect columns, inside and outside. It is made of yellow shock-resistant synthetic material and is suitable for columns with diameter/side lengths of 200-700 mm. The Modular Columns Protector can get cut-to-length on-site by the user easily. An additional floor mounting is not required, so the Modular Columns Protector can get removed easily without any residues. The assembly can be made by one person only.

## Column protection made of polyethylene

Art. No.	Discription	For columns	Height	Weight	
30610	Column protection	200 - 700 mm	1000 mm	20,0 kg	











Made of polyethylene

## **BARRIER FENCE**

The barrier fences are the perfect solution for blocking off and marking of obstackles. The solid and big feet are constructed for a solid standing and due to the hookand-eye element the fences can be used as per your needs either in line or at angles.

For storage and for easy transport the feet can be turned.

White and yellow Typee: with red-white reflective foil Typee RA 1.



Application: outdoors and indoors

Art. No.	Discription	Size	Weight
20001	Barrier fence white, foil RA1	2000 x 1000 x 50 mm	15,2 kg
20002	Barrier fence yellow, foil RA1	2000 x 1000 x 50 mm	15,2 kg
20007	Barrier fence, grey NEW	2000 x 1100 x 50 mm	9,9 kg



Made of polyethylene

## QUICK BARRIER FENCE

The three-piece or two-piece foldable Barrier Fence is a fast and cost-effective solution to shut off dangerous areas.

The red/white reflecting warning marks ensure a high visibility in use. With clip connectors the single elements are expandable. The low weight and foldability of the PE Barrier Fence enable easy storage and transport.

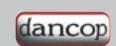


Application: outdoors and indoors

Polyethylene barrier fences, yellow with red/white reflective foil, size of each barrier height 800 mm x length 970 mm x depth 30 mm, three movable elements, quickly expandable in modular manner by clip connectors, space-saving storage or transport

Art. No.	Discription	Breite	Height	Thickness	Weight
20005	Barrier fence, 2 part	2000 mm	800 mm	30 mm	6,0 kg
20006	Barrier fence, 3 part	3000 mm	800 mm	30 mm	9,0 kg

Art. No. 20006, threepart



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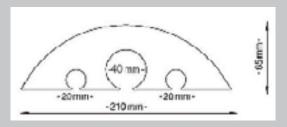
Made of Rubber

## HOSE AND CABLE PROTECTORS



Yellow version: for hoses and cables up to 40 mm diameter (1x40 mm or 2x20 mm). Easy installation by one person.

Black version: for hoses and cables up to 75 mm diameter, with reflective foil, expandable as required and usable on both sides. Easy to install and remove.

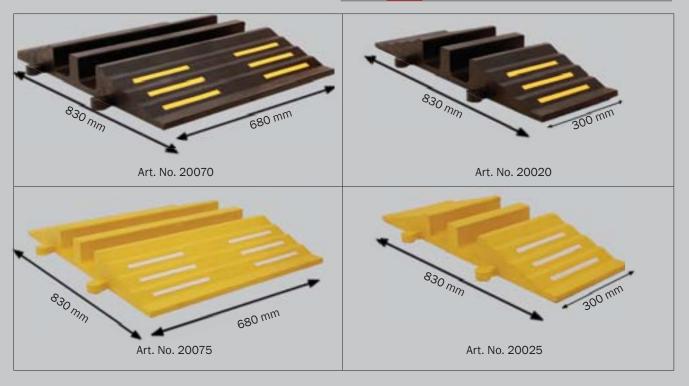






Art. No.	Discrip- tion	Length	Width	Height	Weight
20010	Cable bridge yellow	1500 mm	210 mm	65 mm	13,2 kg

Art. No.		Width	Length	Colour	Weight
20020		300 mm	830 mm	black	14,6 kg
20070	NEW	680 mm	830 mm	black	29,0 kg
20025		300 mm	830 mm	yellow	14,6 kg
20075	NEW	680 mm	830 mm	yellow	29,0 kg





Made of Rubber

## **RAMPS**

NEW





Ramp made of hard rubber, black with yellow reflective foil, capacity 40 t, length 600 mm, width 360 mm, with 2 cable

channels, for longer term use a ground fixing can be made

Art. No.	Discription	Width	Height	Weight	
BSR100	Ramp	300 mm	100 mm	11,0 kg	
BSR150	Ramp	360 mm	150 mm	20.0 kg	



Made of polyethylene

## PARKING DEVICE

NEW

The Parking Device for parking places is the optimal solution for temporary or permanent marking of parking places, pathways or shut-offs. The red/white warning marks (separately available) enable a high visibility even in bad weather conditions. The parking device available in yellow, black or grey.

For better stability, the parking device can get filled with water (75 l) by a filler. For place-saving storage, the Holding Devices can get stacked on top of each other, even during operations. If the Holding Devices are stacked on top of each other, it is possible to fix them with a 48 mm steel post (optional available). By stacking yellow and black Holding Devices, it is possible to create a yellow/black warning mark.

## Parking device and accessories

Art. No.	Farbe	Height	Breite	Weight
20080	yellow	530 mm	540 mm	5,5 kg
20085	black	530 mm	540 mm	5,5 kg
20090	grey	530 mm	540 mm	5,5 kg
20091	Ground na	il		
20092	Post for 4	parking devices,	galvanised	
20093	Post for 6	Post for 6 parking devices, galvanised		
20094	Warn mark	Warn marking band red/white reflecting		









Made of new rubber

## SPEED RAMPS

Made of new rubber, self connecting in yellow/black and middle pieces with one reflector on each side.

Height: 50 mm or 75 mm.

Recommended speed:

50 mm: max 20 km/h 75 mm: max 10 km/h

Fixing material separately available.





Discription	Height 50 mm, Art. No.	Weight	Height 75 mm, Art. No.	Weight
Middlepiece yellow, 500 x 420 mm	45010	9,4 kg	47510	13,4 kg
Middlepiece black, 500 x 420 mm	45011	9,4 kg	47511	13,4 kg
Startpiece yellow, 250 x 420 mm	45020	2,7 kg	47520	3,6 kg
Startpiece black, 250 x 420 mm	45021	2,7 kg	47521	3,6 kg
Endpiece yellow, 250 x 420 mm	45030	2,6 kg	47530	3,6 kg
Endpiece black, 250 x 420 mm	45031	2,6 kg	47531	3,6 kg
Befestigungsmaterial	FS-FIX			

Two differnt heights

Made of polyethylene

## **CAUTION SIGN**

NEW

Caution Sign yellow, double sided reflectors and caution sign allow double side use, height 630 mm, width (top) 215 mm, width (bottom) 340 mm

Art. No.	Discription	Height	Width top	Width bottom	Weight	
WAS	Caution sign	630 mm	215 mm	340 mm	1 2 kg	









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Any questions? Please call us on
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Made of polyethylene

## **BOLLARDS AND PROTECTION**

Our moveable impact protection bollards can be used as per your needs, are very stable and grant a high warning effect.

The large bollard 1240 mm is applied with a retro-reflecting foil Typee RA2.

The base plate made of recycling material can be removed for a space-saving storage and all bollards can be stacked.

The products are made of impact resistant polyethylene and are suitable for outdoor and indoor use.





Art. No. TR-001

Art. No. 20050

Art. No.	Discription	Height	Groundplate	Weight
20050	Bollard with handle, yellow/black	800 mm	440 x 440 mm	6,0 kg
TR-001	Bollard red/white	1240 mm	950 x 800 mm	24,5 kg
TR-002	Bollard yellow/black	1240 mm	950 x 800 mm	24,5 kg

Made of polyethylene

## **BOLLARD 30 KG**

The moveable bollard with a diameter of 500 mm and 30 kilos is swift in use and easy to handle.

Made of yellow polyethylene.

The bollard is very flexible in use, due to it's light weight, no ground fixing is required. For outdoor and indoor use.



Art. No.	Discription	Height	Weight	
20030	Bollard vellow	1300 mm	31.4 kg	





Made of polyurethane

## **FLEXIBLE POSTS**

NEW



Flexible Delineator Post, tilts through 360°, self-righting, with warn marking, orange posts with reflecting marking



	Colour Orange	Colour Black	olour Black		
Height	Art. No.	Art. No.	Weight		
450 mm	FP450	-	0,9 kg		
750 mm	FP750	FP750S	1,3 kg		
1000 mm	FP1000	FP1000S	1,6 kg		





Made of polyethylene

## **FLEXIBLE POSTS**

Flexible post 750 mm, tilts through 360°, self-righting, colour red with red-reflective warn marking, foil RA2, post diameter 100 mm, made of polyethylen, feet of rubber is separable from the post, rubber feet Ø 275 x 70 mm with four bore holes Ø 10 mm for ground fixing

Art. No.	Height	Foot plate	Weight
SB750	750 mm	ø 275 x 70 mm	2,0 kg
SB1000	1000 mm	ø 275 x 70 mm	2,5 kg

NEW tilts through 360°

Made of rubber

## PARK STOP

NEW

Park stop, black with yellow reflecting foil, made of rubber, length width 152 mm, height 102 mm, for outdoor and indoor use, with 2 bore holes

Art. No.	Discription	Length	Width	Height	Weight
PS 90	Park stop 90 cm	870 mm	152 mm	102 mm	8,0 kg
PS 180	Park stop 180 cm	1820 mm	152 mm	102 mm	17,0 kg









## STEEL MODULAR TRUCK POSITIONING AID

The modular truck positioning aids with a length of 3000 mm are an optimal addition to loading ramps to optimise transportation and assembly. The modular truck positioning aid in yellow-black or red-white enables the safe and easy docking process on loading ramps and adds additional protection to buildings and dock shelters.

The solid construction of the modular truck positioning aid is 159 mm in diameter and can be mounted with floor anchors (available separately) or encased in concrete.

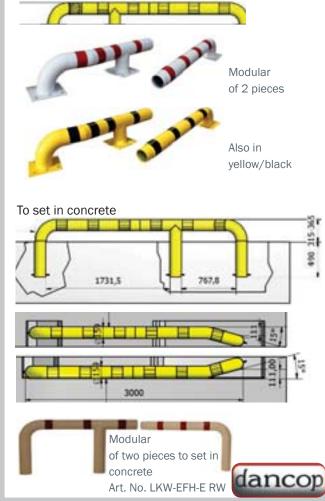


To ease the docking process, the 305 mm high modular truck positioning aid is opened 15° in the front section.

For floor mounting



Art. No.	Discription	Weight
For floor mounti 305 mm x 180 n	ng with 3 baseplates, siz nm	e 3000 mm x
LKW-EFH-A GS	yellow/black	150,0 kg
LKW-EFH-A RW	red/white	150,0 kg
	te, height above ground: 3 und: 550 mm, length: 300	· •
LKW-EFH-E GS	yellow/black, Height 850 mm	150,0 kg
LKW-EFH-E RW	red/white, Height 850 mm	150,0 kg



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## TRAILER STAND

**Our TÜV-certified trailer stand helps to increase** landing dock safety for trailers up to 40 tons.

Prevent Trailer Up-Ending: When fork-lifts are loading at the front of a trailer, it can get overloaded. The risk of a collapsed trailer is permanently given in this situation. This hazardous situation can be prevented by using our Trailer Stand.







470 x 425 mm





Trailer stand, TÜV tested up to 40t, adjustable 1025 up to 1344 mm

Art. No.	Discription	Colour	Height	Weight
DVS1	Trailer stand	Yellow	1025-1344 mm	75,0 kg



# IMPACT PROTECTION MADE OF POLYURETHANE

















## IMPACT PROTECTION MADE OF POLYURETHANE



- Massive impact protection of Polyurethane
- One product for outdoor and indoor use
- Extremely impact resistant
- Red reflective warn marking and black marking for better visibility
- Additionally steel reinforced for better stability
- Suitable for use in the food industry
- Non-corrosive
- High absorption of energy
- Due to the robust material the item needs no reparation after a damage
- Fixing is made by the base plate with fixing anchors

Why use Polyurethane?

In comparison with steel, polyurethane needs no reparation after a damage, as it is non-corrosive. The material is coloured yellow in the mass. Therefore the product can be used in the food industy.

Supplied in the following versions:

Bollards in three diameters.

Bars in three lengths.

Hoop protection guards in seven different sizes

Discover all products



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## **PROTECTION BOLLARDS**

The Rambowl bollards are a heavy duty solution for the protection of entrances and exits from parking lots, warehouses and for machine-safety. Due to the robust material, no reparation is needed after a crash.

The red retro-reflecting warn marking gives the bollards as well in outdoor and indoor use a high level of visibility. Three different diameters to cover your needs.

Fixing material is separately available.

Application: for outdoor and indoor use.



Bollard of Polyurethane, height 1000 mm, with reflecting strip

Art. No.	Discription	Diameter	Groundplate size	Weight
P50-50	Bollard	ø 90 mm	200 x 200 x 25 mm	12,5 kg
P50-60	Bollard	ø 159 mm	250 x 250 x 25 mm	27,7 kg
P50-70	Bollard	ø 273 mm	320 x 320 x 25 mm	80,2 kg
PFIX1	Fixing set, 4 floor	anchors, galvan	ized, 95 mm length, Ø 10 mm	0,24 kg
PFIX2	Fixing set, 4 floor	anchors, stainle	ess steel, 95 mm length, Ø 10 mm	0,24 kg



## **PROTECTION BARS**

The Rambowl protection bars are the perfect solution to protect inventory against damages and are visibly separating forklift traffic routes.

Fixing material is separately available.

Application: for outdoor and Indoor use.



Balken aus Polyurethan, mit retroreflektierenden Streifen

Art. No.	Discription	Durchmesser	Length	Weight
P60-10	Balken	ø 80 mm	400 mm	3,4 kg
P60-20	Balken	ø 80 mm	800 mm	6,2 kg
P60-30	Balken	ø 80 mm	1200 mm	8,8 kg
PFIX1	Fixing set, 4 floor anchors, galvanized, 95 mm length, Ø 10 mm			0,24 kg
PFIX2	Fixing set, 4 floor anchors, stainless steel, 95 mm length, Ø 10 mm			0,24 kg





**HOOP PROTECTION GUARDS** 

The Rambowl hoop protection guards are the perfect solution for the protection of buildings, machines and inventory. The different sizes and shapes offer the right product for each Typee of use.

Fixing material is separately available.

Application: for outdoor and indoor use.





P30-10





Hoop protection guard, with red retro-reflecting marking

Art. No.	Discription	Height	Length	Weight
P30-10	Hoop protection guard	350 mm	375 mm	7,4 kg
P30-20	Hoop protection guard	350 mm	750 mm	9,9 kg
P30-30	Hoop protection guard	350 mm	1000 mm	11,6 kg
P30-40	Hoop protection guard	600 mm	750 mm	14,1 kg
P30-50	Hoop protection guard	600 mm	1000 mm	15,5 kg
P30-60	Hoop protection guard	1200 mm	750 mm	22,5 kg
P30-70	Hoop protection guard	1200 mm	1000 mm	24,3 kg
PFIX3	Fixing set, 8 floor anchors, galvanized, 95 mm length, Ø 10 mm			0,48 kg
PFIX4	Fixing set, 8 floor anchor	s, inox, 95 mm le	ength, Ø 10 mm	0,48 kg













# FLEXIBLE IMPACT **PROTECTION**

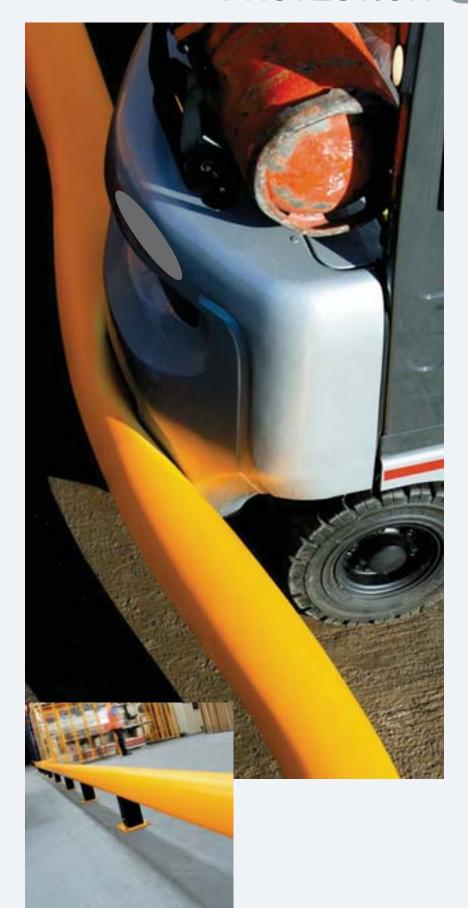








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# You want to become reseller of the A-Safe products? Please contact us to get more information!





- The most innovative impact protection on the market
- The flexible material is deforming and returns after a collision to its original shape
- One product for outdoor and indoor use
- 100% recyclable
- Easy installation fixing materials are always included!
- No repairs necessary after an impact!
- Different possibilities for individual application
- Individual cutted products for custom-fitting

A-Safe is the most innovative safety barrier system ever. So innovative in fact that it effectively makes conventional steel barriers obsolete.

#### Installation

The fixing system consists of floor anchors specifically designed and tested for this product. The fixing bolts are included in the delivery and we recommend to use only these special fixing bolts.

#### Product video



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#### **MACHINE PROTECTIVE FENCING**

This is a robust product in the pedestrian segregation range and it protects pedestrians from traffic, machinery and potential hazards. This product clearly marks out working areas and machine areas. It is easy to install.

Available in three sizes.

The fixing material is always included in the delivery.



#### Machine protective fencing pre-installed

Art. No.	Discription	Length	Height	Weight
FS-FU1	Machine protective fencing	1000 mm	1171 mm	21,0 kg
FS-FU2	Machine protective fencing	1500 mm	1171 mm	22,0 kg
FS-FU3	Machine protective fencing	2000 mm	1171 mm	24,5 kg

#### **FLEXIBLE BOLLARDS**

Bollards are a low cost solution providing high impact absorption properties with little or no impact damage. The inbuilt impact absorption mechanism provides protection for what a bollard is installed: To protect your facility and machines and to reduce the cost of damage repair bills.

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

The bollards are available in diameters of 200 mm or 225 mm and height of 400 mm, 750 mm or 1200 mm.

The fixing material is always included in the delivery.



#### **Bollards, fixing material included**

Art. No.	Discription	Height	Diameter	Weight
B050-10	Bollard	1200 mm	ø 200 mm	22,5 kg
B050-20	Bollard	750 mm	ø 200 mm	17,8 kg
B050-30	Bollard with movable cuff	1200 mm	ø 225 mm	30,8 kg
B050-40	Bollard	400 mm	ø 200 mm	7,5 kg



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#### TRAFFIC BARRIER

This fully module system can be made up to suit your needs, it can be installed quickly and easily.

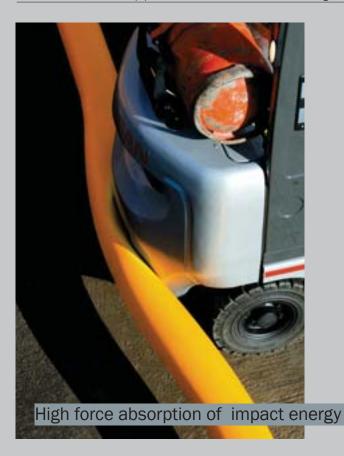
Machine and pedestrian ways or working areas can be separated in the sizes you need, additionally bollards can be ordered to protect the ends of the barriers.

The fixing material is always included in the delivery.



#### Traffic barrier, height 400 mm, fixing material included

Art. No.	Discription	Height	Width	Weight
VB-E	End post	400 mm	375 mm	11,8 kg
VB-M	Middle post	400 mm	250 mm	11,5 kg
VB-R	Standard pipe ø 200 mm	Length 1350 mm		9,2 kg
VB-I	Standard pipe ø 200 mm	Individual length		







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### **FLEXIBLE SAFETY BARRIER**

The flexible safety barrier is an innovative and cost-effective separation for working and pedestrian areas.

This fully module system can be made up to suit your needs.

The fixing material is always included in the delivery.



Flexible safety barrier, height 1171 mm, fixing material included

Art. No.	Discription	Weight
FS-M-E	End post	9,1 kg
FS-M-M	Middle post	9,2 kg
FS-M-W90	Corner post 90°	9,1 kg
FS-H1	Beam set of three beams, length 1500 mm	5,0 kg
FS-HI	Beam set of three beams, individual length 500 - 1400 mm	







Picture: Column protection made of flexible barrier







#### **RACK-END BARRIER SINGLE AND DOUBLE RAIL**

The barriers are used in warehouse and distribution environments where palletised or un-palletised goods or products are stored on light or heavy duty racking systems.

The single rail version is the lighter duty product of the two versions. It's suitable for use in areas where manual or electric powered pallet trucks, order pickers, counter balance trucks up to **2500kg** and reach trucks are operating in the racking aisles. For heavier pallet trucks, up to **4500kg**, we recommend the double rail protection.

Countersunk head screws, included in the delivery, allow a simple installation and protect the wheels of forklifts and industrial trucks. The moveable cuff additionally absorbs the impact energy.





#### Rack end protection, fixing material included

Art. No.	Discription	Length	Height	ø End post	Weight
RE1-4	Rack end protection, single rail	2500 mm	375 mm	225 mm	30,9 kg
RE1-2	Rack end protection, single rail	1100 mm	375 mm	225 mm	27,8 kg
RE2-4	Rack end protection, double rail	2500 mm	515 mm	225 mm	39,9 kg
RE2-2	Rack end protection, double rail	1100 mm	515 mm	225 mm	33,6 kg





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#### **RACK IMPACT PROTECTION**

The A-Safe RackGuard provides the required impact protection for rack legs or uprights.

The TÜV certified Rack Guard is the most innovate protection for racks on the market. The installation is simply made by click-system without using any tools. The simple installation without any further tools makes a quick use possible and a deinstallation possible everytime.

The Rack Guard will be directly clipped on the leg which has to be protected. Due to the missing contact of the Rack Guard with the ground, one of the main problems with other rack protection products is not given: in case of an impact, there are no fixing bolts so the ground will stay intact. Due to the slim shape, the Rack Guard will not removed when taking out pallets.



Rack protection rackguard, height 600 mm

Art. No.	Discription	Size	Rack width	Weight
RG-1	Rack protection	S/M	75 - 100 mm	1,4 kg
RG-2	Rack protection	L	100 - 125 mm	1,8 kg

# simple installation without tools











# WARNING AND PROTECTION PROFILES













#### WARNING AND PROTECTION PROFILES



The warning and protection profile can absorbe the shock of people, machines and equipments in dangerous borders and edges. The profiles can be installed in warehouse transport lanes, machines, vehicles or on walls.

The profiles are temperature resistant in the range of -40°C to +100°C. It can be used indoors as well as outdoors. They are fire tested in accordance with DIN 4102 B2.

Attachement The warning and protection profiles can be attached very quick and easily due to strong permanent self-adhesive strips. If neccessary they can be cut to size by a cutter. The protective foil has to be removed and the profiles have to be pressed on the cleaned surface.

The warning and protection profiles are available as pieces of 1 m, rolls of 5 m in poly bags or cut to order in lengths up to 50 linear meters (lnm). The profiles (except Typee B and BB) are equipped with light and age-resistant modified acrylate adhesive (adhesive force: 21N/25mm).

Colours

#### Material

The warning and protection profiles are made of polyurethane foam. The patented manufacturing technique of these profiles makes them very flexible. The warning markings are protected against colour abrasion.

#### Colours

The standard colour is yellow/black. The following special colours are available: All Typees: red/white, black, white. Typee A, B and C are available in fluorescent daylight yellow/black or in photoluminescent yellow/black.

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## WARNING AND PROTECTION PROFILES

Available in yellow/black as 1000 mm piece, 5-meter rolls and rolls up to 50 meters, individually cutted, in the following sizes:

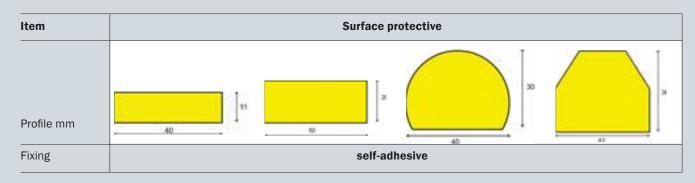


Item	Corner protection					
Profile mm				28		6
Fixing			self-ad	hesive		
	Туре А	Type A+	Type AA	Type E	Туре Н	Type H+
1m-piece Art.	10010	11013	11010	10015	11110	11014
5 m roll Art.	10020	11023, 3 m roll	11020	10024	11120	not available
running meters Art. No.	10040	11043	11040	10044	11140	not available

Item	Pipe protection	Edge protection	Edge protection
Profile mm			8 mg 36
Fixing	self-adhesive	to clip on	self-adhesive

	Type R30	Type R50	Type B	Type BB	Type G
1m-piece Art.	10017	10014	10011	11011	10019
5 m roll Art.	10027	not available	10021	11021	10026
running meters Art. No.	10047	not available	10041	11041	10046





	Type F	Type D	Type C	Type CC
1m-Piece Art.	10016	10013	10012	11012
5 m roll Art.	10025	10023	10022	11022
running meters Art. No.	10045	10043	10042	11042

## **CORNER PROTECTION**









Available in the following styles for profiles type A, type H and type E, colour black:

Size mm			Service 20		15 10 E - 20	In to 30
Fixing	self-adhesive					

	Corner Type A,	Corner Type A,	Corner Type H,	Corner Type H,	Corner Type E,	Corner Type E,
	2 D	3 D	3 D	3 D	2 D	3 D
black Art. No.	10810	10811	10814	10815	10812	10813





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