

Steel

IMPACT PROTECTION STEEL

TÜV-certified!

other RAL colours available



Special sizes possible!



The steel impact protection products are made of high grade steel and facilitate the effective protection of inventory, machines and buildings – outdoors and indoors.

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 types and measures that makes it easy to find the best suiting product.

Special sizes possible!

Hoop Protection Guard, Ø 76 mm, galvanised and yellow powder coated (similar to RAL 1023) for outdoor use or powder coated for indoor use, with black marking strips, steel thickness: 3,2 mm, for floor mounting - base plate size: 120 mm x 195 mm with 8x drill holes of Ø 12,5 mm, TÜV-certified

Art. No. powder-coated	Art. No. 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

Hoop Protection Guard with underride guard, Ø 76 mm, yellow powder coated (similar to RAL 1023) for indoor use, with black marking strips, steel thickness: 3,2 mm, for floor mounting - base plate size: 120 mm x 195 mm with 8x drill holes of Ø 12,5 mm, TÜV-certified

Art. No.	Height	Width	Height 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



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Impact Protection Beam, galvanised and powder coated, pipe diameter Ø 76 mm, material thickness 3,2 mm, for floor mounting - base plate size: 120 x 195 mm with 8x drill holes of Ø 12,5 mm, TÜV-certified



Art. No.	Description	Weight
60-10	Length 400 mm	4,3 kg
60-20	Length 800 mm	6,6 kg
60-30	Length 1200 mm	8,9 kg

Impact Protection Bollard, steel, galvanised and yellow powder coated (similar to RAL 1023) for outdoor use, with black marking strips, (Base plate bollards with 4x drill holes of Ø 12,5 mm), TÜV-certified



Art. No.	Diameter	Height	Installation	Material thickness	Weight
50-10	Ø 76 mm	1200 mm	Base plate size 120 x 195 mm	3,2 mm	8,3 kg
50-25	Ø 89 mm	1200 mm	Base plate 140 x 195 mm	3,6 mm	9,9 kg
50-40	Ø 159 mm	1200 mm	Base plate 240 x 240 mm	4,5 mm	23,4 kg
50-20	Ø 76 mm	1600 mm	Concrete setting	3,2 mm	9,4 kg
50-30	Ø 159 mm	1600 mm	Concrete setting	4,5 mm	23,4 kg

Impact Corner Protection, arms 600 mm, pipe diameter Ø 76 mm, material thickness 3,2mm, for floor mounting - base plate size: 120 mm x 195mm with 12x drill holes of Ø 12,5 mm, TÜV-certified



Art. No. powder-coated	Art. No. 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

Impact Corner Protection with underride guard, height 1000 mm, with base plate, pipe diameter Ø 76 mm, material thickness 3,2 mm, TÜV-certified



Art. No. powder-coated	Art. No. galvanised and powdercoated	Arms	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.

Ground fixing material separately available.

other RAL colours available



Special sizes possible!



Modular Wall Protection, straight, steel, Ø 76 mm, 180 mm H, L 140 mm H, galvanised and yellow powder coated (similar to RAL 1023) for outdoor use or powder coated for indoor use, for floor mounting - base plate size: 120 mm L x 195 mm W x 6 mm H: with drill holes of Ø 12,5 mm, TÜV-certified

Art. No. powder-coated	Art. No. 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

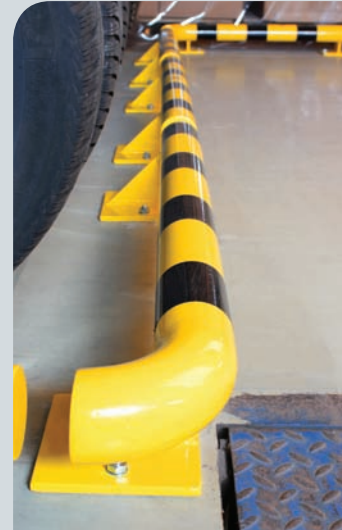


Photo: left inner corner protection



Modular Wall Protection, inner corners, steel, Ø 76 mm, 180 mm H, L 140 mm H, galvanised and yellow powder coated (similar to RAL 1023) for outdoor use or powder coated for indoor use, for floor mounting - base plate size: 120 mm L x 195 mm W x 6 mm H with drill holes of Ø 12,5 mm, TÜV-certified

Description	Corner 90° right, inside		Corner 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				

Modular Wall protection, outer corners, steel, Ø 76 mm, 180 mm H, L 140 mm H, galvanised and yellow powder coated (similar to RAL 1023) for outdoor use or powder coated for indoor use, for floor mounting - base plate size: 120 mm L x 195 mm W x 6 mm H with drill holes of Ø 12,5 mm, TÜV-certified

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

TÜV-certified!



other RAL colours available



Special sizes possible!



CRASH PROTECTION GUARD

The TÜV-certified CrashStop rack protectors are designed acc. BG regulation in the L-form. These are required at the corner supports of fixed racks in order to protect the racks from collisions. The articles are marked with a yellow / black warning mark and are dimensioned

accordingly to regulations. Further variants, like the U-shape for the middle rack legs, round off the assortment with different heights. If required, these articles can also be produced according to special customer requirements.



Crash Protection Guards, steel, height 400 mm, material thickness 5 mm, yellow powder coated (similar to RAL 1023) for indoor use, with black marking strips, for floor mounting, TÜV-certified

Art. No.	Description	Weight
6260	L-Profil	6,0 kg
Art. No.	Description	Weight
6250	U-Profil	6,0 kg
6255	U-Profil XL	6,0 kg
FIX1	Floor anchors 85 mm galvanised	



Art. No. 6260
L-Profile
Legs
180 mm
Flap
50 mm

Special sizes available from one piece



Art. No. 6250
U-Profile
Outer size width incl. flaps
245 mm
Inner size
125 mm
Depth 200 mm



Art. No. 6255
U-Profile
Outer size width incl. flaps
270 mm
Inner size
160 mm
Depth 200 mm

NEW



Steel

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MODULAR RACK END PROTECTION

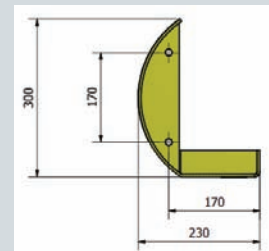
The modular rack end protection is a useful product to protect the end parts of racks and shelvings. The left- and right sided modules protect the rack leg and enable, together with the side modules, a full protection of the end parts of the rack. The Hoop Guard comes with rounded edges. Connecting screws are included in the delivery.

Modular Rack End Protection, steel, yellow powder coated (similar to RAL 1023) for indoor use, with black marking strips, with base plate for floor mounting, TÜV-certified

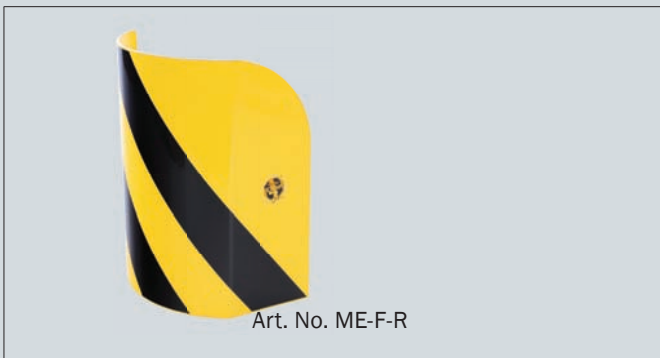
Art. No.	Description	Length	Height	Width	Weight
ME-SET-L	Set left	1230 mm	400/200 mm	280 mm	19,3 kg
ME-SET-R	Set right	1230 mm	400/200 mm	280 mm	19,3 kg
ME-F-R	Part A right	230 mm	400 mm	300 mm	8,2 kg
ME-F-L	Part A left	230 mm	400 mm	300 mm	8,2 kg
ME-V-R	Additional part B right	500 mm	200 mm		5,6 kg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



Art. No. ME-SET-L



Side view: Art. No. ME-F-L



Art. No. ME-F-R

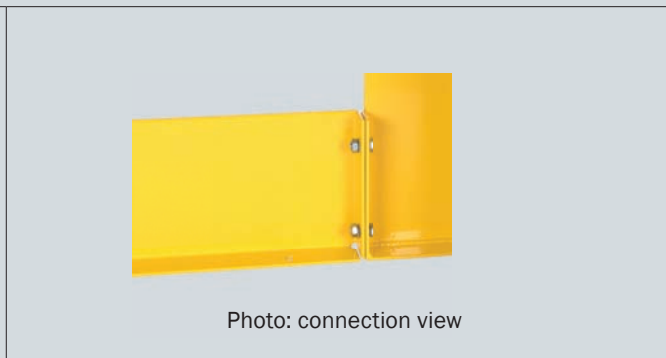


Photo: connection view



Art. No. ME-F-L



Art. No. ME-V-R

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HEIGHT-ADJUSTABLE GUARDRAIL

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 length of 2400 mm. Height adjustable with a levelling screw, mounting with adjustable foot plates.

Ground fixing material separately available.



Height-adjustable Guard Rail, steel, 2400 mm L, adjustable height: 436-516 mm, rail height: 300 mm, galvanised and yellow powder coated (similar to RAL 1023) for outdoor use, with black marking strips, TÜV-certified



Art. No.	Description	Weight
HVA-2400	Guardrail length 2400 mm, height adjustable 436 - 516 mm	48,0 kg

Height adjustable

IMPACT PROTECTION FOR LONG PALLETS

The Impact Protection for long pallets 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 yellow-black warning colours enable a high visibility.

Impact Protection for long pallets, steel, 860 mm L x 400 mm H, arm length 200 mm, cut out size 620 mm L x 300 mm H, yellow powder coated (similar to RAL 1023) for indoor use, with black marking strips



Art. No.	Description	Weight
6270	Impact protection for long pallets	14,0 kg



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STEEL POST PROTECTION

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.

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Post and Column Protection for columns up to 400 mm W x 400 mm D, steel, 2 Parts: 600 mm H x 520 mm W, galvanised and yellow powder coated (similar to RAL 1023) for outdoor use or powder coated for indoor use, for floor mounting - base plate size: 160 mm W x 70 mm D with 8x drill holes Ø 12,5 mm, TÜV-certified

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



consisting of two parts

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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.

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Crash Protection Guard for pipes and cables up to Ø 200 mm, steel, 300 mm W x 230 mm D (inner width: 290 mm), galvanised and yellow powder coated (similar to RAL 1023) for outdoor use, with black marking strips, floor mounting, TÜV-certified



← 290 mm →

Art. No. Powder-coated	Art. No. Galvanised and powder-coated	Height	Inner width	Depth	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

