Buffers on housing
## Dock equipment
- Galvanised steel dock buffer ................................................................. p 2 - 9
- Housing for dock buffer ........................................................................ p 10
- Rubber dock buffer ............................................................................... p 11 - 14
- Manual wheel chock ........................................................................... p 15 - 16
- Electric wheel chock ............................................................................ p 17 - 18
- Aluminium loading bridges ................................................................. p 19 - 24
- Polyester loading plate ........................................................................ p 25

## Dock safety
- Dock light ............................................................................................ p 26
- Wheel guides ....................................................................................... p 27 - 28
- Safety trestle ....................................................................................... p 29
- Safety jack ........................................................................................... p 30 - 31
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## Industrial protection
- Protection post .................................................................................... p 37
- Protection arch .................................................................................... p 38
- Protection arch and edge ..................................................................... p 39
- Floor covering ..................................................................................... p 40
This very thin buffer with springs absorbs the impacts of the vehicles when docking.

Very resistant product, recommended for heavy traffic.

Resistant to friction, the up and down movements of the vehicle when loading or unloading.

- Weight: 28 kg per pair
- Galvanised finish
93.950.756

This very thin buffer with springs absorbs the impacts of the vehicles when docking.

Very resistant product, recommended for heavy traffic.

Resistant to friction, the up and down movements of the vehicle when loading or unloading.

• Weight: 60 kg per pair
• Galvanised finish
This very thin buffer with springs absorbs the impacts of the vehicles when docking.

Very resistant product, recommended for heavy traffic.

Resistant to friction, the up and down movements of the vehicle when loading or unloading.

- Weight: 75 kg per pair
- Galvanised finish
93.950.758

This very thin buffer with springs absorbs the impacts of the vehicles when docking.

Very resistant product, recommended for heavy traffic.

Resistant to friction, the up and down movements of the vehicle when loading or unloading.

- Weight: 70 kg per pair
- Galvanised finish

93.950.755
Buffer
H = 350 mm.

93.950.756
Buffer
H = 470 mm.

93.950.757
Buffer high version
H = 200 mm.
Buffer fitted with rubber shock absorbers in order to absorb the impacts of the vehicles when docking.

Very resistant product, recommended for heavy traffic.

Resistant to friction, the up and down movements of the vehicle when loading or unloading.

- Weight: 64 kg per pair
- Galvanised finish

93.950.856

93.950.857
Buffer high version
$H = 200 \text{ mm}$

93.950.858
Buffer high version
$H = 100 \text{ mm}$
Dock buffers

**93.950.859**
Buffer fitted with rubber shock absorbers in order to absorb the impacts of the vehicles when docking.

Very resistant product, recommended for heavy traffic.

Resistant to friction, the up and down movements of the vehicle when loading or unloading.

- Weight: 70 kg per pair
- Galvanised finish

---

**93.950.856**
Buffer
H = 470 mm

**93.950.857**
Buffer high version
H = 200 mm

**93.950.858**
Buffer high version
H = 100 mm
Dock buffers

93.950.857

High version buffer fitted with rubber shock absorbers in order to absorb the impacts of the vehicles when docking.

Very resistant product, recommended for heavy traffic.

Resistant to friction, the up and down movements of the vehicle when loading or unloading.

- Weight: 84kg per pair
- Galvanised finish

- 93.950.847RE
- Buffer
- H = 470 mm

- 93.950.856
- Buffer
- H = 470 mm

- 93.950.858
- Buffer high version
- H = 100 mm
93.950.858

High version buffer fitted with rubber shock absorbers in order to absorb the impacts of the vehicles when docking.

Very resistant product, recommended for heavy traffic.

Resistant to friction, the up and down movements of the vehicle when loading or unloading.

- Weight: 84kg per pair
- Galvanised finish

93.950.859
Buffer with extended plate.

93.950.856
Buffer
H = 470 mm

93.950.857
Buffer high version
H = 200 mm
Buffer / Housing

This monobloc buffer on housing unit allows a 500 mm anti-crushing area to be created on the dock. (Personal protection between the dock and the rear of the vehicle)

This buffer on housing allows the **NF EN 349** standard on the risks of crushing of parts of the human body to be complied with.

**93.950.826 ED**
Right-side dock buffer with housing unit.

**93.950.826 EG**
Left-side dock buffer with housing unit.

Dimensions:
- Depth 500 mm
- Height 474 mm
- Width 250 mm

Finish:
- Housing, RAL 7016 paint
- Dock buffer, galvanised

Option: guard and antiskid covering
**Buffers**

High-density rubber buffer with 10 mm thick steel back-plate and front protection

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<th>D</th>
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High-density rubber buffer with 10 mm thick steel back-plate and front protection plate

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Bufflers

High-density rubber buffer with 10 mm thick steel back-plate

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High-density rubber buffer with 10 mm thick steel back-plate

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## Buffers

High-density rubber buffer

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BUFFERS

*Delta rubber fender **without holes**

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*Delta rubber fender **with holes**

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**93.950.289PF**
Fixing plate, length 2.50 m galvanised steel 50x5 mm with mounting holes for delta rubber fender **93.950.289**
Weight 3.2 Kg

**93.901.001PF**
Fixing plate, length 2.40 m galvanised steel 60x6 mm with mounting holes for delta rubber fender **93.901.001**
Weight 6.6 Kg

*Please consult us for other dimensions*
WHEEL CHOCKS

93.951.401
Rubber wheel chock with handle with mounting hole for a securing chain
Weight 4.5 Kg

93.951.405
Zinc plated steel bracket for rubber wheel chock
Weight 1.5 Kg

93.951.402
Yellow steel wheel chock
Weight 8 Kg

93.951.284GA
Galvanised steel wheel chock
Weight 4.3 Kg

93.951.300
Yellow plastic wheel chock
Weight 1.6 Kg

93.951.307GA
Galvanised bracket for 93.951.284GA and 93.951.300 wheel chocks
Weight 1.4 Kg

92.904.650EG
Zinc plated steel chain, Ø2.5, length 5 m
The wheel chock is essential to secure the vehicle at the dock when loading and unloading. A «STOP» panel indicates the presence of the chock to the driver.

It is fitted with a handling arm and wheels, is easy to move and no effort is required to position or remove the chock under the vehicle’s wheel.

93.951.410
Galvanised steel wheel chock with «STOP» panel
• Height : 300 mm
• Width : 200 mm
• Length : 380 mm
• Weight : 14 Kg

OPTION : 93.951.430
Chock bracket with token

The bracket allows the chock to be put away and to be managed when being used.

The token is given to the driver in exchange for his vehicle’s key.
Electric wheel chock

- The wheel chock is essential to secure the vehicle at the dock when loading and unloading. A «STOP» panel indicates the presence of the chock to the driver.

(CRAM recommendation)

- It is fitted with a handling arm and wheels, is easy to move and no effort is required to position or remove the chock under the vehicle’s wheel.

**93.951.416**
Electric galvanised wheel chock with «STOP» panel and metal sleeve to protect the cable
Height : 320 mm  Arm : 900 mm
Width : 200 mm
Length : 380 mm
Weight : 16kg

**93.951.417**
Electric cable reel with automatic rewinding length 10 m

**93.951.418**
Traffic light kit
- Electric management box
- Indoor and outdoor green/red 24V led lights
**Electric wireless Wheel Chock**

- The wheel chock is essential to secure the vehicle at the dock when loading and unloading. A «STOP» panel indicates the presence of the chock to the driver. *(CRAM recommendation)*

- It is fitted with a handling arm and wheels, is easy to move and no effort is required to position or remove the chock under the vehicle’s wheel.

**93.951.426**
Electric galvanised wheel chock with «STOP» panel
Height : 320 mm  
Arm : 900 mm  
Width : 200 mm  
Length : 380 mm  
Weight : 16 kg

**93.951.427**
LED red / green lights

**93.951.428**
Traffic light kit
- Electric management box
- Indoor and outdoor green/red 24V led lights

**OPTION :**
**93.951.430**
Wheel chock bracket with token

The bracket allows the chock to be put away and to be managed when being used.

A token is given to the driver in exchange for his vehicle’s key.
Movable aluminium loading bridges

VT Type

**USE**

The VT bridge is movable and quick to install, its length allows a positive or negative 75 mm to 100 mm maximum difference in height (D) to be adjusted. Its central fin allows it to be locked automatically and any risk of shifting to be avoided.

It is designed to make the connection between the vehicle and the dock when the differences in level are minimal and the loads are significant.

Its design allows it to be adapted to the passing of trolleys with very small vertical clearances.

**DIMENSIONS**

Length 550 to 750 mm
Capacity of 1,200 to 4,000 Kg

**MAINTENANCE**

The aluminium bridge is unalterable and does not require any maintenance.
**Movable Aluminium Loading Bridges**

**VT Type**

<table>
<thead>
<tr>
<th>Type</th>
<th>Code</th>
<th>Length L (mm)</th>
<th>Width W (mm)</th>
<th>Incline D (mm)</th>
<th>Capacity (kg/unit)</th>
<th>Weight (kg/unit)</th>
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Other dimensions and characteristics available on request.
The HF type aluminium bridge is built using 40 mm thick ribbed and honeycombed profiles. All the profiles are welded together, and for significant capacities, large section reinforcements are welded under the plate.

An articulated flap allows equipment with wheels to be moved over it easily.

During the trans-shipment operations it is recommended to guarantee against shifting risks of the bridge.

European standard EN 1398 requires that the movable loading bridge be fitted with arms with automatic ratchets.

This option exists for the HF type movable bridges, see option.

Option: transport trolley

A rubber profile under the flap reduces any shifting risk.
**Movable Aluminium Loading Bridges**

**HF Type**

**USE**
The HF bridge is movable and quick to install. As an option and to facilitate installation, we propose a choice of: a pair of wheels, grips for the forks of elevator trolleys, or a steel transport trolley.

<table>
<thead>
<tr>
<th>Type</th>
<th>Code</th>
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Other dimensions and characteristics available on request.
Antiskid, tread plate rolling surface.

USE
The AWB bridge is movable and can be installed easily thanks to two holes that serve as handles. Two corners serve as stops against the bed of the vehicle and prevent the bridge from shifting. As an option and to facilitate installation, we propose a choice of: a pair of wheels or a steel transport trolley.

DIMENSIONS
Length 750 to 1,800 mm
Capacity of 600 to 1,200 Kg

MAINTENANCE
The aluminium bridge is unalterable and does not require any maintenance.
Movable Aluminium Loading Bridges

**AWB Type**

Antiskid, tread plate rolling surface.

**USE**
The AWB bridge is movable and can be installed easily thanks to two holes that serve as handles. Two corners serve as stops against the bed of the vehicle and prevent the bridge from shifting.

As an option and to facilitate installation, we propose a choice of: a pair of wheels or a steel transport trolley.

**MAINTENANCE**
The aluminium bridge is unalterable and does not require any maintenance.

<table>
<thead>
<tr>
<th>Type</th>
<th>Code</th>
<th>Length L (mm)</th>
<th>Width D (mm)</th>
<th>Incline D (mm)</th>
<th>Capacity (kg/unit)</th>
<th>Weight (kg/unit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWB 508</td>
<td>9307.00.000</td>
<td>750</td>
<td>1 250</td>
<td>0</td>
<td>+ 100</td>
<td>600</td>
</tr>
<tr>
<td>AWB 510</td>
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<td>+ 50</td>
<td>+ 125</td>
<td>600</td>
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<tr>
<td>AWB 512</td>
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<td>600</td>
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<tr>
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<td>1 250</td>
<td>+ 80</td>
<td>+ 210</td>
<td>600</td>
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<td>AWB 518</td>
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<td>1 250</td>
<td>+ 105</td>
<td>+ 260</td>
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<tr>
<td>AWB 1008</td>
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<td>+ 50</td>
<td>+ 100</td>
<td>1 200</td>
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<tr>
<td>AWB 1010</td>
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<td>1 000</td>
<td>1 250</td>
<td>+ 50</td>
<td>+ 125</td>
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<tr>
<td>AWB 1018</td>
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<td>1 250</td>
<td>+ 105</td>
<td>+ 260</td>
<td>1 200</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length L (mm)</th>
<th>Width D (mm)</th>
<th>Incline D (mm)</th>
<th>Capacity (kg/unit)</th>
<th>Weight (kg/unit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9306.00.030</td>
<td>Pair of wheels</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9307.00.010</td>
<td>Hand truck for transport and implementation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other dimensions and characteristics available on request.
**MOVABLE POLYESTER LOADING PLATE**

Technical characteristics:

- Load capacity: 4,000 Kg
- For dock / vehicle connection
- Light, resistant and easy to install
- Antiskid surface
- Reduced noise
- Antishift chock under the plate

<table>
<thead>
<tr>
<th>Reference</th>
<th>Dimensions LxW (mm)</th>
<th>Maximum Height (mm)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>93.960.001</td>
<td>1000 X 700</td>
<td>+/- 100</td>
<td>14</td>
</tr>
<tr>
<td>93.960.002</td>
<td>1500 X 700</td>
<td>+/- 100</td>
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</tr>
<tr>
<td>93.960.003</td>
<td>2000 X 700</td>
<td>+/- 100</td>
<td>28</td>
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</tbody>
</table>
Dock light

The dock light secures the trans-shipment of the goods, lights the dangerous areas, limits the risks of collision and protects personnel loading and unloading vehicles.

93.950.600
Halogen bulb dock light
- 300 w halogen projector (bulb supplied)
- 1,200 mm articulated arm
- Manoeuvring handle
- Electric cable integrated in the tube
- Start/stop switch (not supplied)
- Finish: yellow epoxy paint
- Weight: 6 Kg

93.950.604
LED dock light
- 30 w LED projector
- Lumen: 2,700
- Colour: White
- Service life: 30,000 hours
- 1,120 mm articulated arm
- Manoeuvring handle
- Electric cable integrated in the tube
- Finish: yellow epoxy paint
- Weight: 6 Kg

OPTION:
- Stop/start switch with indicator light (not supplied)
WHEEL GUIDES

93.950.500

Concrete wheel guide that is resistant to the most significant impacts without damaging vehicles and buildings.

Weight: 2 X 450 Kg

Specific shape allowing the separation between 2 docks to be adjusted and a pathway to be set up between the 2 wheel guides.
The wheel guide is resistant to the most significant impacts without damaging vehicles and buildings.

Exists in several lengths: 2,400, 2,800, 3,500 mm

Galvanised steel wheel guide in Ø140 mm tube

Protection: galvanised

### Straight wheel guide

<table>
<thead>
<tr>
<th>Reference</th>
<th>93.950.530</th>
<th>93.950.540</th>
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<tbody>
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<td>2800</td>
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<td>Height (mm)</td>
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<td>260</td>
</tr>
<tr>
<td>Weight of part (Kg)</td>
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</tbody>
</table>

### Bevelled wheel guide

<table>
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<th>Reference</th>
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<th>93.950.560</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (mm)</td>
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<td>3500</td>
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<tr>
<td>Height (mm)</td>
<td>260</td>
<td>260</td>
</tr>
<tr>
<td>Weight of part (Kg)</td>
<td>55</td>
<td>65</td>
</tr>
</tbody>
</table>
SAFE TRANS-SHIPMENTS

MOBILE TRESTLE TREMAX

93.950.900F

Trestle to secure the semi-trailer when it has been separated from the tractor. Fits all types of trailers.

TECHNICAL CHARACTERISTICS:

- 5 adjustment heights
- Hardwood treated support surface
- Load capacity: 15 tonnes

- Length: 1300 mm
- Width: 100 mm
- Height: 1040 à 1280 mm
- Weight: 62 Kg
The safety jack prevents the trailer from tilting when it is separated from the tractor.

- Head that can be tilted in all directions with rubber base
- Hoist function
- Quick raising
- 400 mm Ø solid Rubber tyres to facilitate manoeuvring
- Large base for reliable support
- Fits all types of trailers.

**93.950.906**
Safety jack Technical characteristics:
- Permissible load:
  - Dynamic 10 Tonnes
  - Static 15 Tonnes
- 920 to 1,320 mm adjustable lift height
- Compliant with machine directive No. 2006/42/EC
- Weight: 84 kg
SAFETY JACK

93.950.905

• Static load capacity of 45 tonnes.

• Lift capacity of 18 tonnes.

• Large Ø 200 mm steel head with antiskid surface. 8° rotating head.

• Ø 50 mm lifting screw

• 1,000 to 1,300 mm adjustable lift height thanks to its reversible ratchet (right/left) for up/down movement

• 2 Ø 200 mm wheels, rubber tyred wheels.

• Weight: 45 kg
This speed bump is the most appropriate equipment to reduce the speed of vehicles in internal circulation areas such as company parking areas, goods warehouse areas, hospitals, shopping centres, private roads.....

Characteristics:
- Modular unit that is delivered in cardboard boxes with 2 elements, 1 black and 1 yellow, 1,000 X 430 X 60 mm
- 4 Integrated reflectors per element
- Antiskid surface
- UV-resistant virgin rubber
- Black + yellow tipped cap
- Height of 60 mm for a speed of 25 km/h
- Groove for passing cables

93.951.800
3 meter speed bump including
- 3 yellow/black 1 m modules
- 1 pair of yellow/black caps
- 28 asphalt or concrete attachments

Please consult us for other lengths
This monobloc, very economical speed bump is the most appropriate equipment to reduce the speed of vehicles in internal circulation areas such as company parking areas, goods warehouse areas, hospitals, shopping centres, private roads…..

**Characteristics:**
- 1,830 mm long monobloc product
- 6 Integrated reflectors
- Recycled rubber
- Black tipped cap
- Height of 55 mm for a speed of 30 km/h
- Groove for passing cables

**93.951.805**
1,830 mm speed bump including
- Monobloc speed bump
- 1 pair of black caps
- Asphalt or concrete attachments.

Please consult us for other lengths
Parking stop or wheel chock for large vehicles. Allows parking slots to be defined, makes the vehicle’s manoeuvres safe and eliminates the risks of impacts (walls, buildings, warehouse, etc.)

93.951.200
Galvanised parking stop for large vehicles
Technical characteristics:
- Length 2,400mm
- Height 230mm
- Ø of the tube 114mm
- Fixing plate, four Ø15 holes
- Attachments not supplied
- Weight: 40 Kg
Please consult us for other dimensions.
Parking Stop

Parking stop or wheel chock. Allows parking slots to be defined, makes the vehicle’s manoeuvres safe and eliminates the risks of impacts (walls, buildings, warehouse, etc.)

Material: rubber
Height: 100 mm
Attachment supplied for asphalt

93.951.220
Length: 915 mm
Weight: 8 Kg

93.951.221
Length: 1300 mm
Weight: 12.5 Kg

93.951.222
Length: 1830 mm
Weight: 16 Kg
The parking stop allows a vehicle to be immobilised where desired when parking and eliminates the risks of impact (walls, objects, etc.)

The stop is installed on the ground, it can be glued or bolted.

93.951.415

Rubber parking stop Material:
Black EPDM, 80 shore hardness
Very good resistance to oils, detergents, water, ultraviolet radiation

Dimensions:
Length: 510 mm
Width: 400 mm
Height: 120 mm
Weight: 4.400 Kg
**PROTECTION POST**

Steel protection post with RAL 1021 yellow paint coating

Protects facilities against impacts, building corner, doors, pillars, etc.

<table>
<thead>
<tr>
<th>Reference</th>
<th>Tube</th>
<th>Plate</th>
<th>Height</th>
<th>KG</th>
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</thead>
<tbody>
<tr>
<td>93.950.449</td>
<td>133x4</td>
<td>200x200x8</td>
<td>500</td>
<td>8</td>
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<tr>
<td>93.950.450</td>
<td>133x4</td>
<td>200x200x8</td>
<td>1000</td>
<td>15</td>
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</tbody>
</table>

Steel protection post with yellow paint coating and black marking strips. For indoor and outdoor use.

<table>
<thead>
<tr>
<th>Reference</th>
<th>Tube</th>
<th>Plate</th>
<th>Height</th>
<th>KG</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Ø89x4</td>
<td>200x200x10</td>
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<td>7.8</td>
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<td>93.950.455</td>
<td>159x4</td>
<td>250x250x10</td>
<td>1000</td>
<td>19.8</td>
</tr>
<tr>
<td>93.950.460</td>
<td>273x5</td>
<td>400x400x10</td>
<td>1200</td>
<td>57.5</td>
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</table>
Protection arch
Ø89x3 tube arch.
For indoor use.
Epoxy paint coating.

<table>
<thead>
<tr>
<th>Reference</th>
<th>H x L</th>
<th>Plate</th>
<th>KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>93.950.473</td>
<td>600x600</td>
<td>180x180x10</td>
<td>13,5</td>
</tr>
<tr>
<td>93.950.474</td>
<td>600x1200</td>
<td>180x180x10</td>
<td>17,5</td>
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<tr>
<td>93.950.475</td>
<td>1200x600</td>
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<tr>
<td>93.950.476</td>
<td>1200x1200</td>
<td>180x180x10</td>
<td>25,7</td>
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</table>

Protection arch with underrun plinth
Ø60x6 tube arch.
For indoor use
Epoxy paint coating.

<table>
<thead>
<tr>
<th>Reference</th>
<th>H x L</th>
<th>Plate</th>
<th>KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>93.950.483</td>
<td>700x1000</td>
<td>150x150x10</td>
<td>13</td>
</tr>
</tbody>
</table>

Corner protection arch with underrun plinth
Ø60x6 tube arch
For indoor use
Epoxy paint coating.
Reference H

<table>
<thead>
<tr>
<th>Reference</th>
<th>H x L</th>
<th>Plate</th>
<th>KG</th>
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</thead>
<tbody>
<tr>
<td>93.950.486</td>
<td>700x500x500</td>
<td>150x150x10</td>
<td>16,4</td>
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</tbody>
</table>
Industrial protection

**PROTECTION ARCH AND EDGE**

Ø76x3 tube protection arch
For indoor and outdoor use
Epoxy paint coating

CORNER PROTECTION ARCH

<table>
<thead>
<tr>
<th>Reference</th>
<th>L x L x H</th>
<th>Plate</th>
<th>KG</th>
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</thead>
<tbody>
<tr>
<td>93.950.491</td>
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<td>180x180x10</td>
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<tr>
<td>93.950.492</td>
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<td>180x180x10</td>
<td>32,5</td>
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</tbody>
</table>

PROTECTION EDGE

Ø89x3.2 tube protection edge
For indoor and outdoor use
Epoxy paint coating

<table>
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<tr>
<th>Reference</th>
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<tbody>
<tr>
<td>93.950.495</td>
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<tr>
<td>93.950.496</td>
<td>800x86</td>
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<td>7</td>
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<td>93.950.497</td>
<td>1200x86</td>
<td>130x70x10</td>
<td>9,8</td>
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## Antislip Floor Covering

**TBS 10** self-adhesive black - polyurethane powder.

<table>
<thead>
<tr>
<th>Reference</th>
<th>Kg</th>
<th>Width</th>
<th>Length (m)</th>
<th>Thickness</th>
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<tbody>
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<td>25</td>
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<td>93.44.71818</td>
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<td>93.44.71819</td>
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<td>93.44.71820</td>
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<tr>
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<tr>
<td>93.44.71822</td>
<td>4.84</td>
<td>610</td>
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<td>1</td>
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</tbody>
</table>

Self-adhesive TBS 10 yellow 40mm width roll

<table>
<thead>
<tr>
<th>Reference</th>
<th>Kg</th>
<th>Width</th>
<th>Length (m)</th>
<th>Thickness</th>
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<tbody>
<tr>
<td>93.44.71840</td>
<td>0.1</td>
<td>40</td>
<td>2.5</td>
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</table>

**TBS 11R** self-adhesive Black. Sand powder.

<table>
<thead>
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<th>Kg</th>
<th>Width</th>
<th>Length (m)</th>
<th>Thickness</th>
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<tbody>
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<td>93.44.71849</td>
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<tr>
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<td>7.2</td>
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<td>10</td>
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</table>

**TBS 21** self-adhesive Black - Polyurethane powder

<table>
<thead>
<tr>
<th>Reference</th>
<th>Kg</th>
<th>Width</th>
<th>Length (m)</th>
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<tr>
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<td>2.1</td>
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<td>2.1</td>
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<td>320</td>
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