

BIRD DETERRENTS

Catalogue

Stainless steel



DS.MT1INOX S
DS.MT1INOX66S
DS.MT1INOX1/3DIV
DS.MT1INOX R
DS.MT1INOX90°

"Stiff" stainless steel



DS.STIFF40SPS DS.STIFF60SP DS.STIFF60SPV DS.STIFF80SP

Copper



DS.MT1T.RA.S DS.MT1T.RA66S DS.MT1RA1/3DIV DS.MT1T.RA.R DS.MT1RA90°

"Flex" flexible stainless steel



DS.FLEX40SPS DS.FLEX40SPR DS.FLEX60SP DS.FLEX80SP

Polycarbonate



DS.PLC40X1MTS DS.PLC40X1MTR DS.PLC60X1MTR DS.PLC80X1MTR

Ornamental



Modena-type needle strip Needle deterrents

Download (pdf)

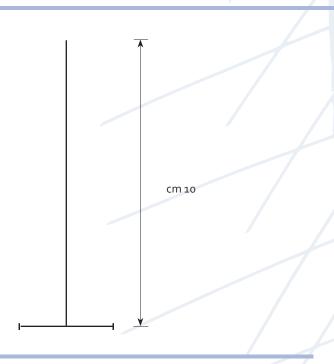
Application examples
Coverage's guide
Tips for installation
Packaging Type





Stainless steel DS.MT1INOX S





- Completely stainless steel
 Longitudinal covering
 30 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc. It can be used in places with a low number of birds. Suitable for cable protection, roof gutters and very narrow surfaces. Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc

TECHNICAL CARD

code: DS.MT1INOX S

Support *material:* stainless steel 304 *length:* 1 m

Spikes

material: stainless steel

length: 10 cm diameter: 1,2 mm point no.: 30 /m fixing holes: ø 5 mm

covering: longitudinal package: linear m 50 - length 1 m (weight 9,3 Kg)



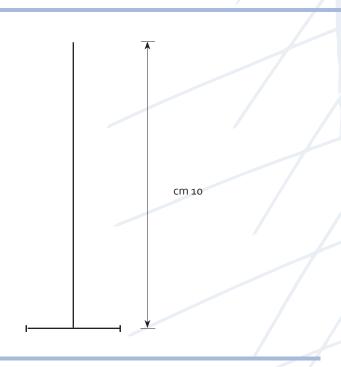




BIRD DETERRENTS

Stainless steel DS.MT1INOX66S





- Completely stainless steelLongitudinal covering
- 66 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc.
It can be used in places with a limited number of birds.
Suitable for cable protection, roof gutters and very narrow

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.MT1INOX66S

Support

material: stainless steel 304

length: 1 m

Spikes

material: stainless steel

length: 10 cm diameter: 1,2 mm point no.: 66 /m fixing holes: ø 5 mm covering: longitudinal

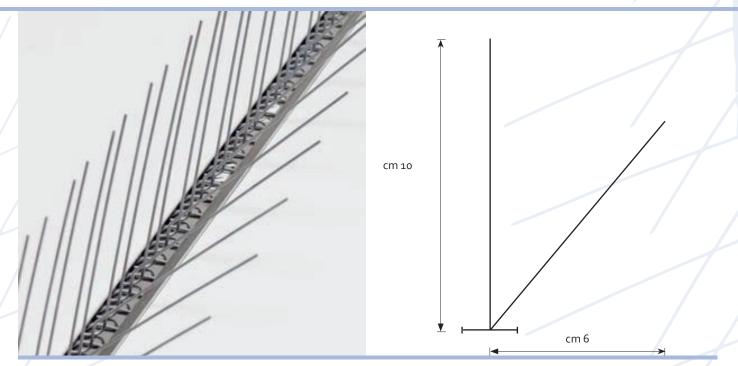






BIRD DETERRENTS

Stainless steel DS.MT1INOX1/3DIV



- Completely stainless steel6 cm covering66 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc.
It can be used in places with an average number of birds.
It is suitable for surfaces with small supporting points that need both vertical and inclined protection.
This product has both vertical and inclined spikes only on one side, so that it can be fixed near the internal angles of the building walls

building walls.
Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc. ecc.

TECHNICAL CARD

code: DS.MT1INOX1/3DIV

Support material: stainless steel 304

length: 1 m Spikes

material: stainless steel

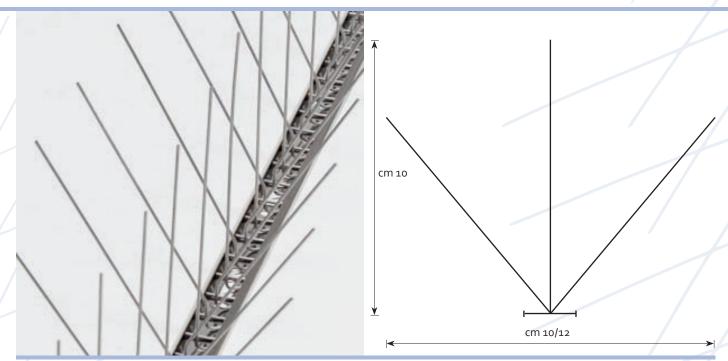
length: 10 cm diameter: 1,2 mm point no.: 66 /m fixing holes: ø 5 mm covering: 6 cm







Stainless steel **DS.MT1INOX R**



- Completely stainless steel10/12 cm covering
- 66 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc. It can be used in places with a high number of birds. Suitable for all surfaces that require a product with good

covering.
Assembly with silicone, self-drilling screws, dowels, rivets,

nails, etc.

Support *material:* stainless steel 304 *length:* 1 m Spikes material: stainless steel

code: DS.MT1INOX R

length: 10 cm diameter: 1,2 mm point no.: 66 /m fixing holes: ø 5 mm covering: 10/12 cm

package: linear m 50 - length 1 m (weight 9,3 Kg)

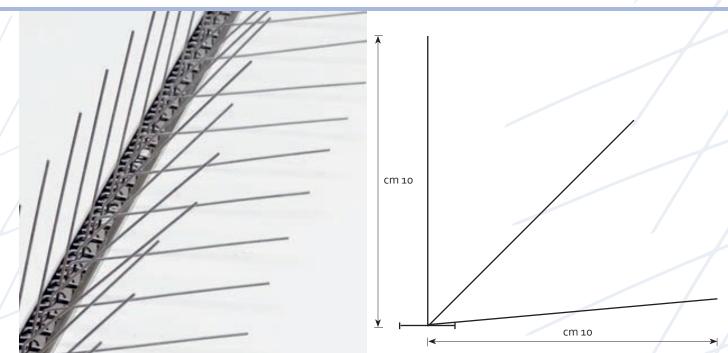
TECHNICAL CARD







Stainless steel DS.MT1INOX90°



- Completely stainless steel10 cm covering66 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc.
It can be used in places with an average number of birds.
Suitable for roof gutters and/or surfaces with small supporting points and upper parts of external windows.
This product has both vertical and inclined spikes only on one side, so that it can be fixed near the internal angles of the building walls.

building walls. Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.MT1INOX90°

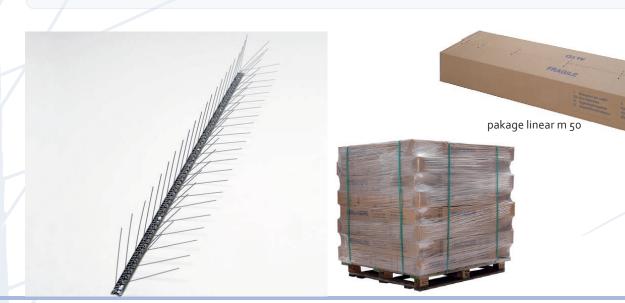
Support *material:* stainless steel 304 *length:* 1 m

Spikes

material: stainless steel

length: 10 cm diameter: 1,2 mm point no.: 66 /m fixing holes: ø 5 mm

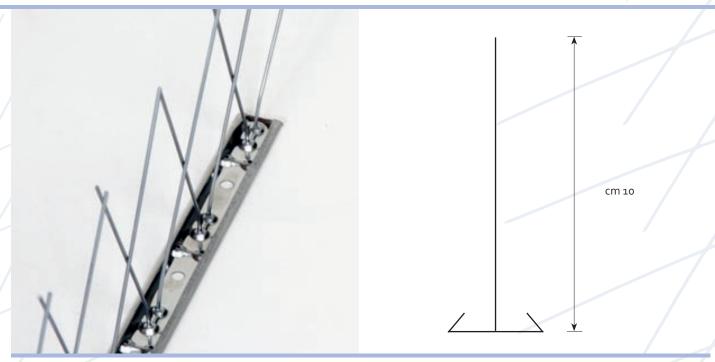
covering: 10 cm - 90°







"Stiff" stainless steel DS.STIFF40SPS



- Completely stainless steelLongitudinal covering
- 40 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc. It can be used in places with a low number of birds. Suitable for cable protection, roof gutters and very narrow surfaces. Assembly with silicone, self-drilling screws, dowels, rivets, pails etc. nails, etc

TECHNICAL CARD

code: DS.STIFF40SPS

Support

material: stainless steel 304 length: 1 m / 0,5 m

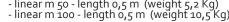
Spikes

material: stainless steel

length: 10 cm diameter: 1,3 mm point no.: 40 /m fixing holes: ø 5 mm

covering: longitudinal

package:







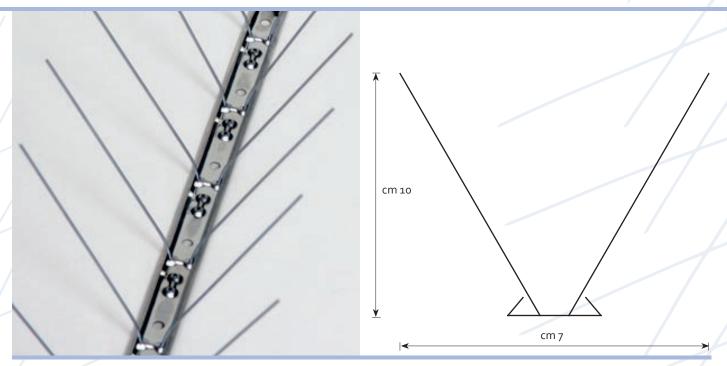


pakage linear m 50-100





"Stiff" stainless steel DS.STIFF40SPR



- Completely stainless steel7 cm covering40 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc.

It can be used in places with a limited number of birds. Suitable for roof gutters and/or surfaces with a limited

supporting area.
Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.STIFF40SPR

Support

material: stainless steel 304 length: 1 m / 0,5 m

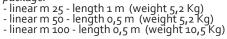
Spikes

material: stainless steel

length: 10 cm diameter: 1,3 mm point no.: 40 /m fixing holes: ø 5 mm

covering: 7 cm

package:









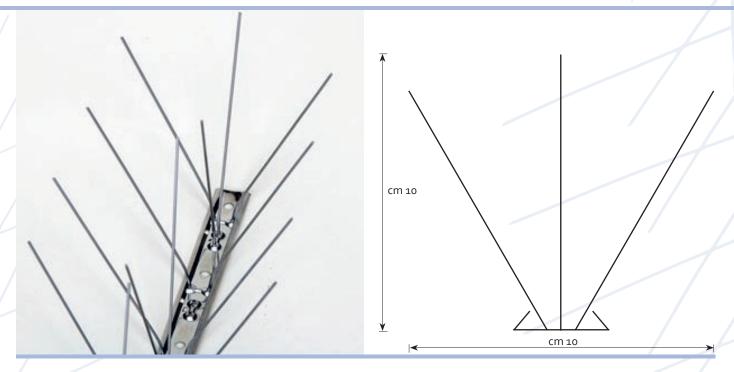
pakage linear m 50-100



BIRD DETERRENTS



"Stiff" stainless steel DS.STIFF60SP



- Completely stainless steel10 cm covering60 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc.
It can be used in places with a high number of birds.
Suitable for all surfaces that require a product with good

covering

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.STIFF60SP

Support

material: stainless steel 304

length: 1 m / 0,5 m

Spikes

material: stainless steel

length: 10 cm diameter: 1,3 mm point no.: 60 /m fixing holes: ø 5 mm

covering: 10 cm

package:









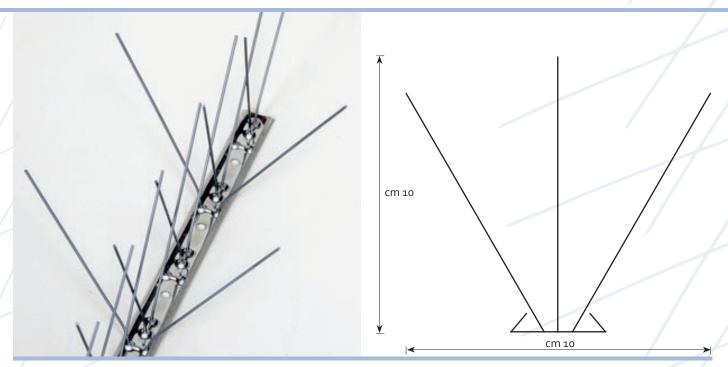
pakage linear m 50-100



BIRD DETERRENTS



"Stiff" stainless steel DS.STIFF60SPV



- Completely stainless steel10 cm covering60 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc.
It can be used in places with a high number of birds.
Suitable for all surfaces that require a product with good

covering

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.STIFF60SPV

Support *material:* stainless steel 304

length: 1 m / 0,5 m

Spikes

material: stainless steel

length: 10 cm diameter: 1,3 mm point no.: 60 /m fixing holes: ø 5 mm

covering: 10 cm

package:





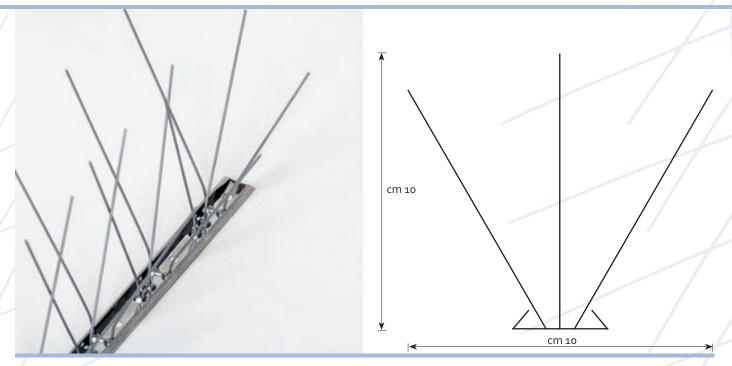


pakage linear m 50-100



BIRD DETERRENTS

"Stiff" stainless steel DS.STIFF80SP



- Completely stainless steel
 10 cm covering
 80 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is guaranteed.

Bird deterrent with stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc.

It can be used in places with a high number of birds. Suitable for all surfaces that require a product with good

covering Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

code: DS.STIFF80SP

Support

material: stainless steel 304 length: 1 m / 0,5 m

Spikes

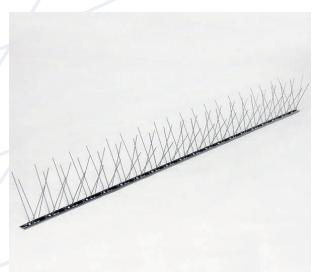
material: stainless steel length: 10 cm

diameter: 1,3 mm point no.: 80 /m fixing holes: ø 5 mm covering: 10 cm

package:

- linear m 25 length 1 m (weight 5,2 Kg) linear m 50 length 0,5 m (weight 5,2 Kg) linear m 100 length 0,5 m (weight 10,5 Kg)

TECHNICAL CARD





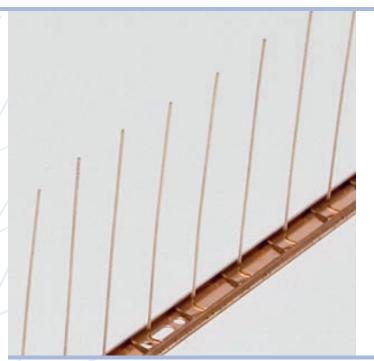


pakage linear m 50-100



BIRD DETERRENTS

Copper DS.MT1T.RA.S



cm 10

- Half-hard copperLongitudinal covering
- 30 spikes each linear metre

Carrying structure: copper; spikes: high quality phosphorous bronze: excellent visual impact is guaranteed.

Bird deterrent with copper carrying structure. It can be used in places with a low number of birds. Suitable for all surfaces, especially for prestigious buildings that need an excellent visual impact.

Suitable for cable protection, roof gutters and very narrow Assembly with silicone, self-drilling screws, dowels, rivets,

nails, etc.

TECHNICAL CARD

code: DS.MT1T.RA.S

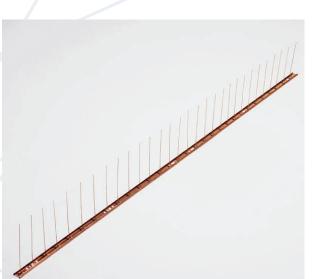
Support *material:* half-hard copper *length:* 1 m

Spikes

material: phosphorous bronze

length: 10 cm diameter: 1,2 mm point no.: 30 /m fixing holes: ø 5 mm

covering: longitudinal package: linear m 50 - length 1 m (weight 9,3 Kg)

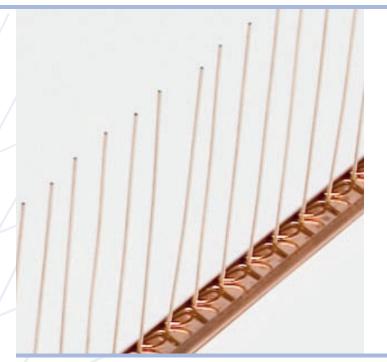


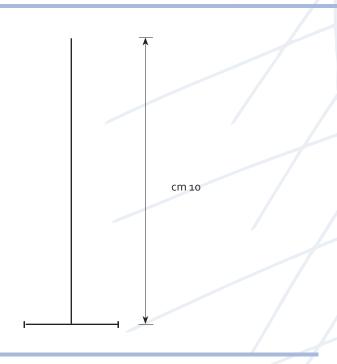




BIRD DETERRENTS

Copper DS.MT1T.RA66S





- Half-hard copperLongitudinal covering
- 66 spikes each linear metre

Carrying structure: copper; spikes: high quality phosphorous bronze: excellent visual impact is guaranteed.

Bird deterrent with copper carrying structure. It can be used in places with a low number of birds. Suitable for all surfaces, especially for prestigious buildings that need an excellent visual impact.

Suitable for cable protection, roof gutters and very narrow

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.MT1T.RA66S

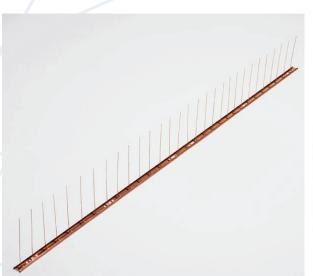
Support *material:* half-hard copper *length:* 1 m

Spikes

material: phosphorous bronze

length: 10 cm diameter: 1,2 mm point no.: 66 /m fixing holes: ø 5 mm

covering: longitudinal package: linear m 50 - length 1 m (weight 9,3 Kg)

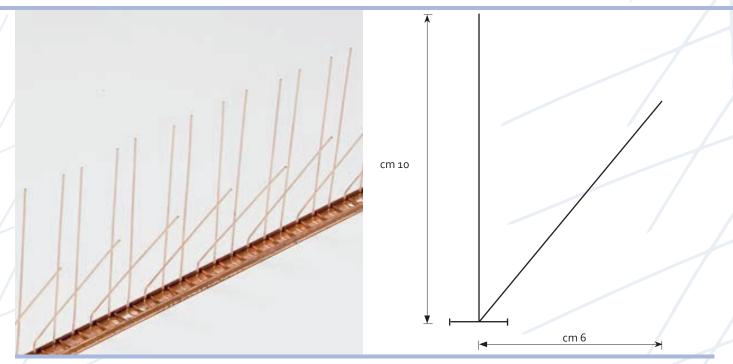






BIRD DETERRENTS

Copper DS.MT1RA1/3DIV



- Half-hard copper 6 cm covering 66 spikes each linear metre

Carrying structure: copper; spikes: high quality phosphorous bronze: excellent visual impact is guaranteed.

Bird deterrent with copper carrying structure. It can be used in places with an average number of birds. Suitable for all surfaces, especially for prestigious buildings that need an excellent visual impact.

This product has both vertical and inclined spikes only on one side, so that it can be fixed near the internal angles of the building walls.

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.MT1RA1/3DIV

Support *material:* half-hard copper *length:* 1 m

Spikes

material: phosphorous bronze

length: 10 cm diameter: 1,2 mm point no.: 66 /m fixing holes: ø 5 mm covering: 6 cm

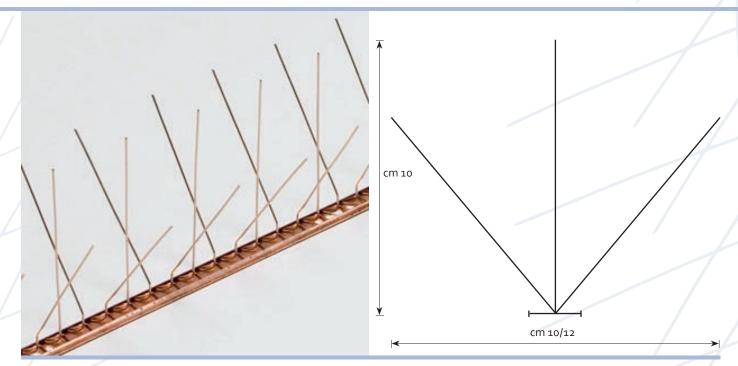






BIRD DETERRENTS

Copper DS.MT1T.RA.R



- Half-hard copper 10/12 cm covering
- 66 spikes each linear metre

Carrying structure: copper; spikes: high quality phosphorous bronze: excellent visual impact is guaranteed.

Bird deterrent with half-hard copper carrying structure. It can be used in places with a high number of birds. Suitable for all surfaces that require a product with good

solutions of an solution that require a product with good covering.

Suitable especially for prestigious buildings that need an excellent visual impact.

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.MT1T.RA.R

Support *material:* half-hard copper *length:* 1 m

Spikes

material: phosphorous bronze

length: 10 cm diameter: 1,2 mm point no.: 66 /m fixing holes: ø 5 mm

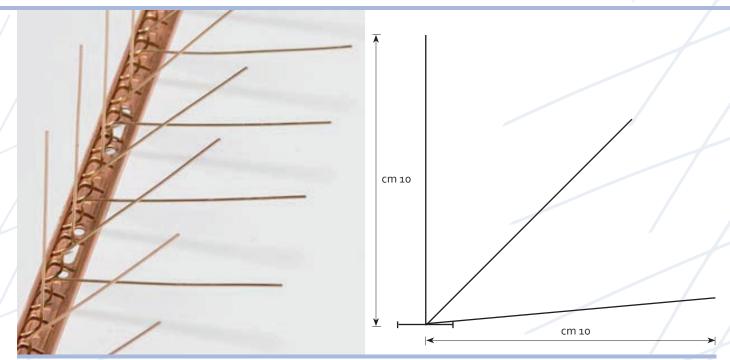
covering: 10/12 cm package: linear m 50 - length 1 m (weight 9,3 Kg)





BIRD DETERRENTS

Copper DS.MT1RA90°



- Half-hard copper
- 10 cm covering
 66 spikes each linear metre

Carrying structure: copper; spikes: high quality phosphorous bronze: excellent visual impact is guaranteed.

Bird deterrent with half-hard copper carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc.
Suitable especially for prestigious buildings that need an excellent visual impact.
It can be used in places with an average number of birds.
Suitable for roof gutters and/or surfaces with small supporting points and upper parts of external windows.
This product has both vertical and inclined spikes only on one side, so that it can be fixed near the internal angles of the building walls.
Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.MT1RA90°

Support *material:* half-hard copper *length:* 1 m

Spikes

material: phosphorous bronze

length: 10 cm diameter: 1,2 mm point no.: 66 /m fixing holes: ø 5 mm covering: 10 cm





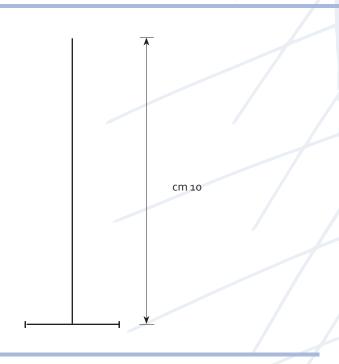


BIRD DETERRENTS



"Flex" flexible stainless steel DS.FLEX40SPS





- Flexible stainless steelLongitudinal covering
- 40 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality

stainless steel. Total long-term resistance to deformation is guaranteed. Flexible structure that can be adapted to non-rectilinear

Bird deterrent with flexible stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc. It can be used in places with a low number of birds. Suitable for cable protection, roof gutters and very narrow curfoces.

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.FLEX40SPS

Support

material: stainless steel 304 length: 1 m / 0,5 m

Spikes

material: stainless steel

length: 10 cm diameter: 1,2 mm point no.: 40 /m fixing holes: ø 5 mm

covering: longitudinal

package:

- linear m 25 - length 1 m (weight 5,2 Kg) - linear m 50 - length 0,5 m (weight 5,2 Kg) - linear m 100 - length 0,5 m (weight 10,5 Kg)









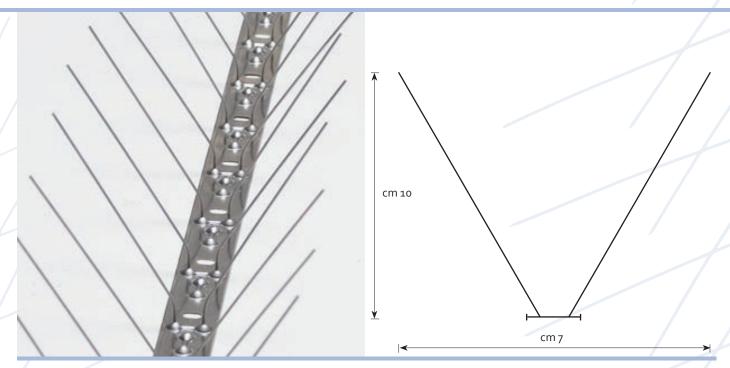
pakage linear m 50-100



BIRD DETERRENTS



"Flex" flexible stainless steel DS.FLEX40SPR



- Flexible stainless steel
- 7 cm covering 40 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is

guaranteed. Flexible structure that can be adapted to non-rectilinear surfaces.

Bird deterrent with flexible stainless steel carrying structure, suitable especially for severe environmental conditions such as sources of heat, air pollution, etc. It can be used in places with a limited number of birds. Suitable for roof gutters and/or surfaces with a limited supporting area.

supporting area.
Assembly with silicone, self-drilling screws, dowels, rivets,

TECHNICAL CARD

code: DS.FLEX40SPR

Support

material: stainless steel 304

length: 1 m / 0,5 m

Spikes

material: stainless steel length: 10 cm diameter: 1,2 mm point no.: 40 /m fixing holes: Ø 5 mm covering: 7 cm

package:





pakage linear m 25



pakage linear m 50-100



pakage linear m 25-50

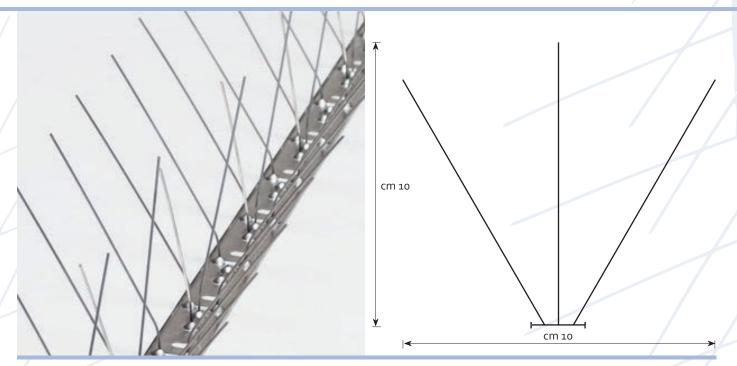




BIRD DETERRENTS



"Flex" flexible stainless steel DS.FLEX60SP



- Flexible stainless steel
- 10 cm covering
 60 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is

guaranteed.
Flexible structure that can be adapted to non-rectilinear surfaces.

Bird deterrent with flexible stainless steel carrying structure,

as sources of heat, air pollution, etc.
It can be used in places with a high number of birds.
Suitable for all surfaces that require a product with good covering.

Suitable for roof gutters and/or surfaces with a limited

supporting area.
Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.FLEX60SP

Support

material: stainless steel 304

length: 1 m / 0,5 m

Spikes

material: stainless steel

length: 10 cm diameter: 1,2 mm point no.: 60 /m fixing holes: ø 5 mm

covering: 10 cm

package:









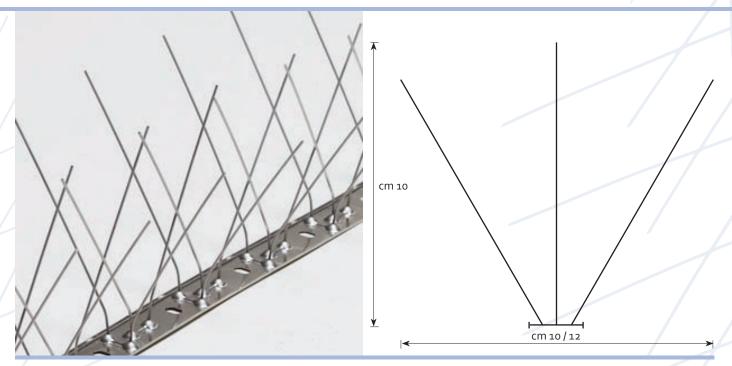
pakage linear m 50-100



BIRD DETERRENTS



"Flex" flexible stainless steel DS.FLEX80SP



- Flexible stainless steel
- 10/12 cm covering
- 80 spikes each linear metre

Carrying structure: Aisi 304 stainless steel; spikes: high quality stainless steel. Total long-term resistance to deformation is

guaranteed.
Flexible structure that can be adapted to non-rectilinear surfaces.

Bird deterrent with flexible stainless steel carrying structure,

as sources of heat, air pollution, etc.
It can be used in places with a high number of birds.
Suitable for all surfaces that require a product with good covering.
Assembly with silicone, self-drilling screws, dowels, rivets,

nails, etc.

length: 1 m / 0,5 m Spikes

material: stainless steel 304

code: DS.FLEX80SP

material: stainless steel length: 10 cm diameter: 1,2 mm point no.: 80 /m fixing holes: ø 5 mm covering: 10/12 cm

package:

Support

- linear m 25 - length 1 m (weight 5,2 Kg) - linear m 50 - length 0,5 m (weight 5,2 Kg) - linear m 100 - length 0,5 m (weight 10,5 Kg)

TECHNICAL CARD



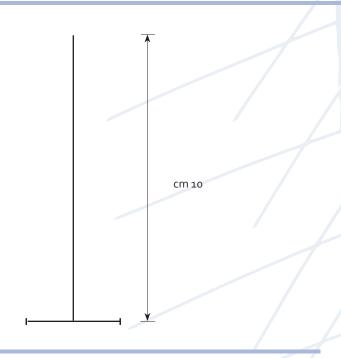






Polycarbonate DS.PLC40X1MTS





- Polycarbonate and stainless steel
- Longitudinal covering
- 40 spikes each linear metre

Carrying structure: polycarbonate; spikes: stainless steel.

Bird deterrent with carrying structure made of polycarbonate with weather resistant treatment.

It can be used in places with a low number of birds.
Suitable for cable protection, roof gutters and very narrow

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.PLC40X1MTS

Support *material:* UV-rays stabilised polycarbonate

length: 0,5 m

Spikes

material: stainless steel

length: 10 cm diameter: 1,2 mm point no.: 40 /m fixing holes: ø 4 mm covering: longitudinal

package:
- linear m 25/50 - length 1 m (weight 4,2 Kg)
- linear m 50/100 - length 0,5 m (weight 8,3 Kg)



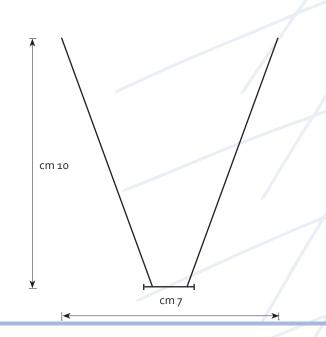




BIRD DETERRENTS

Polycarbonate DS.PLC40X1MTR





- Polycarbonate and stainless steel
- 7 cm covering
 40 spikes each linear metre

Carrying structure: polycarbonate; spikes: stainless steel.

Bird deterrent with carrying structure made of polycarbonate with weather resistant treatment.

It can be used in places with a low number of birds.
Suitable for cable protection, roof gutters and very narrow surfaces.

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.PLC40X1MTR

Support *material:* UV-rays stabilised polycarbonate

length: 0,5 m

Spikes

material: stainless steel

length: 10 cm diameter: 1,2 mm point no.: 40 /m fixing holes: ø 4 mm covering: 7 cm

package:

- linear m 25/50 - length 1 m (weight 4,2 Kg) - linear m 50/100 - length 0,5 m (weight 8,3 Kg)



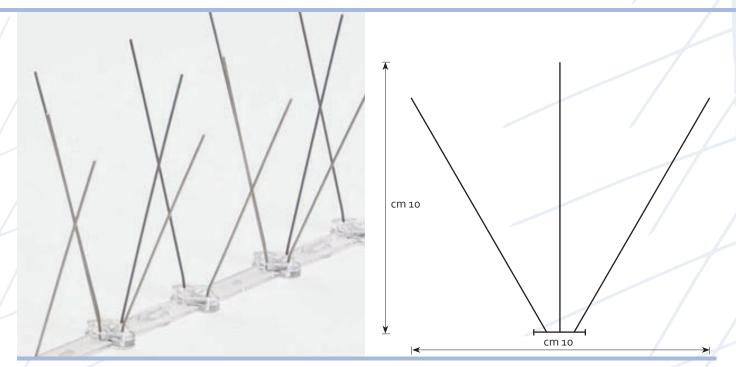




BIRD DETERRENTS



Polycarbonate DS.PLC60X1MTR



- Polycarbonate and stainless steel
- 10 cm covering
 60 spikes each linear metre

Carrying structure: polycarbonate; spikes: stainless steel.

Bird deterrent with polycarbonate carrying structure. It can be used in places with an average number of birds. Suitable for cable protection, roof gutters and very narrow

Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.PLC60X1MTR

Support *material:* UV-rays stabilised polycarbonate

length: 0,5 m

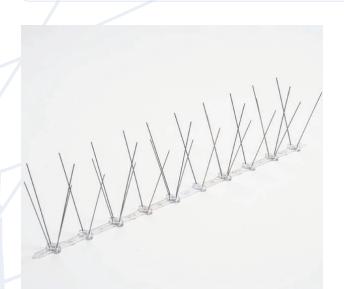
Spikes

material: stainless steel

length: 10 cm diameter: 1,2 mm point no.: 60 /m fixing holes: ø 4 mm covering: 10 cm

package:

- linear m 25/50 - length 1 m (weight 4,2 Kg) - linear m 50/100 - length 0,5 m (weight 8,3 Kg)

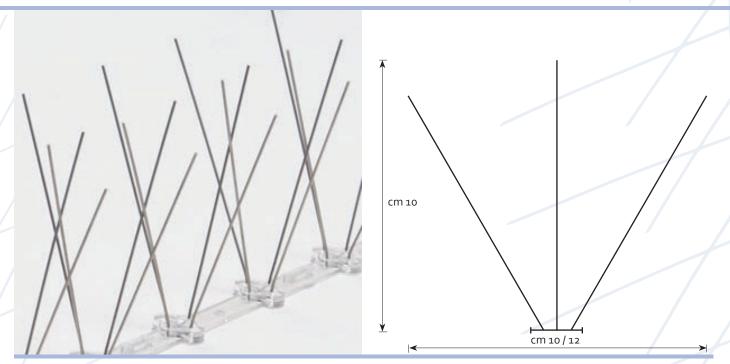






BIRD DETERRENTS

Polycarbonate DS.PLC80X1MTR



- Polycarbonate and stainless steel
- 10/12 cm covering
- 80 spikes each linear metre

Carrying structure: polycarbonate; spikes: stainless steel.

Bird deterrent with polycarbonate carrying structure. It can be used in places with a high number of birds. Suitable for cable protection, roof gutters and very narrow

surfaces. Assembly with silicone, self-drilling screws, dowels, rivets, nails, etc.

TECHNICAL CARD

code: DS.PLC80X1MTR

Support

material: UV-rays stabilised polycarbonate

length: 0,5 m

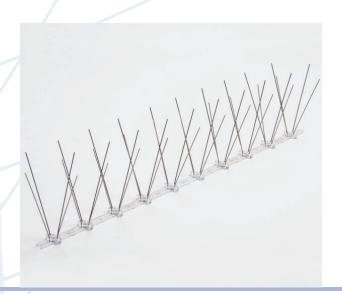
Spikes

material: stainless steel

length: 10 cm diameter: 1,2 mm point no.: 80 /m fixing holes: ø 4 mm covering: 10/12 cm

package:

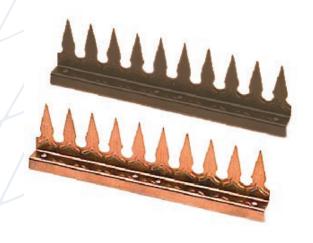
- linear m 25/50 - length 1 m (weight 4,2 Kg) - linear m 50/100 - length 0,5 m (weight 8,3 Kg)

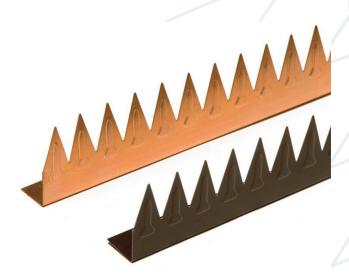






Ornamental bird deterrents





Modena-type needle strip

Needle deterrents

- Completely copper or dark brown pre-painted steel
 Longitudinal covering, maximum duration.
 50/64 needles each linear metre

The ornamental bird deterrents are recommended to protect the edges of gutters and of pitch roofs of the buildings. The special ornamental shape guarantees optimum visual impact and they are suitable for all kinds of birds. They comply with the directives of the environment associations and they do not create dangers for birds.

Assembly with silicone, self-drilling screws, dowels, rivets, nails,

TECHNICAL CARD

material: copper or dark brown length: 100 cm fixing holes: Ø 4 mm covering: Longitudinal package: linear m 10