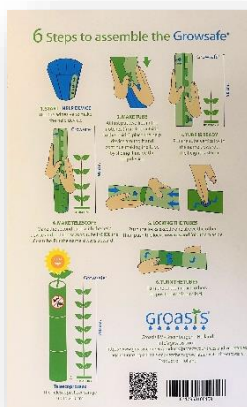**Data Sheet of Groasis' Growsafe and BioGrowsafe plant protectors**
Part of the Groasis Ecological Water Saving Technology
Protects the young plant and trees against damage caused by animals, sun, frost, wind and light intensity. Stimulates growth and can be adjusted to desired height and/or diameter.

Re-usable Growsafe® Telescoprotexx plant and tree protectors: any length and diameter

.
Easy to make from a sheet – low transport costs
Easy to remove once tree is big enough and doesn't require protection
50 sheets per consumer box of 51.5x31x3.5cm with 1 instruction manual

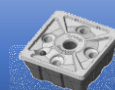The re-usable Growsafe® Telescoprotexx protectors:
- can be supplied on top of pallet with Waterboxx ® plant cocoons
- consumer carton with 50 sheet per box can be supplied as 5,800 units per half pallet or 11,600 units on a full pallet;
- project packs can be supplied as 15,200 units on a full pallet.

Follow this link to watch the Growsafe instruction video
https://www.youtube.com/watch?v=PxtT4qW3CmQ
To read the complete instruction manual, please click here
https://www.groasis.com/en/manuals/protect-your-plants-trees-and-vegetables-against-animals-with-the-growsafe

A clever lock connects the tubes – the long telescope gives protection against deer, goats, sheep, etc. To extend them, slide them together until the blue tabs overlap. Press the tabs inward and twist 1 tube until it turns green.

The correct mounting of the plant protector.
The left version is installed wrong. The right version is installed correctly.
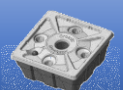
Can be used independently of Waterboxx® plant cocoon

Influence of the Growsafe plant protector on the growth speed:
Ghaf trees (*Prosopis cinerea*) planted in the same day June 14 - 2015 in Dubai – one with and one without Growsafe. The length differs already by more than 200% within 6 weeks.
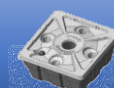
Reusable Growsafe plant protector

Standard part	Sheet
Colour of sheet	Standard colour is green
Colour of sheet on demand	Other colours with minimum order of 30,000 pcs
Size	Thickness 0.051 x width 295 x height 490 mm (0.02 x 11.6 x 19.3 ") Diameter of single tube is 85 mm (3.3"). Units can be stacked in height and width to increase overall height and diameter.
Material	Virgin polypropylene
Additives	UV protection – anti-oxidants
Quality standard	UV protection according to standards BASF and CIBA
Temperature resistance	Between - 20°C to + 60°C (-4°F to +140°F)
Units per consumer carton	50 pcs – weight 1 (P) 3 kg – size 1 (P) 51x31x3,2 cm
Units packed per half or whole pallet (as consumer cartons)	5,800 pcs or 11,600 pcs
Sheets per pallet - loose packed	15,200 pcs
Functionality	Protects against animals, sun, wind, radiation, frost
Expected lifetime	3 to 5 years

Website	http://www.groasis.com/en/technology/the-groasis-BioGrowsafe-telescoprotexx-plant-protector-helps-your-plants-grow-faster-and-safer
YouTube channel tree planting	https://www.youtube.com/user/Groasiswaterboxx
YouTube channel vegetables planting	https://www.youtube.com/user/Groasisvegetables

Planting manual
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रोपण के मैनुअल
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Biodegradable BioGrowsafe® plant protector – any length, not any diameter

Simple to make from a pre-glued folded tube – low transport costs

A clever lock connects the tubes - the long telescope gives protection against
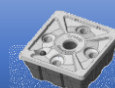deer, goats, sheep, etc.

Protects in combination with the biodegradable Growboxx® plant cocoon

BioGrowsafe plant protector

Standard part	Tube
Colour of tube	Standard colour is brownish-grey
Colour of tube on demand	Other colours with minimum order of 30,000 pcs
Size	Thickness 1 mm – folded tube – height 400 mm (0.04"x 15.75") Diameter 70 mm (2.75")
Material	Carton
Quality standard	Recycled paper
Temperature resistance	Between - 40°C to + 60°C (-40°F to +140°F)
BioGrowsafes bundled per	25 pcs
BioGrowsafes per pallet	6,750 pcs
Functionality	Protects against animals, sun, wind, radiation, frost
Expected lifetime	2 to 3 years

Website	http://www.groasis.com/en/technology/the-groasis-BioGrowsafe-telescoprotexx-plant-protector-helps-your-plants-grow-faster-and-safer
YouTube channel tree planting	https://www.youtube.com/user/Groasiswaterboxx
YouTube channel vegetables planting	https://www.youtube.com/user/Groasisvegetables

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Document version	2

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