The widest range of divisible cable protection pipes made of 100 % high quality recycled plastic









**WINDFARMS** 





**BASES** 



**DEFENSE** 













NUCLEAR POWER PLANT WATER/SEWAGE CONSTRUCTION

RAILWAY

**SUB-SEA CABLE** 



# Attracted by Sustainable Solutions and Innovation?

Greenpipe, a family-owned Swedish company developing, manufacturing and selling innovative sustainable products globally. We simplify assembly, usage and ownership for our clients such as the re-sellers, network owners and contractors.

We deliver Europe's widest range of divisible cable protection pipes. Our focus is on keeping clients' needs at heart, promoting sustainability throughout the value chain from product development to sales. This is a natural part of our DNA. The goal is clear! We must do our best and together we will protect the environment and preserve earth's resources. By opting for our products you will gain operational reliability, durability and simplicity even in harsh environments.

With our wide range of products and experience, since 2001, we will find the best solutions for you. Long-term collaboration with customers and suppliers are essential. You will be part in sharpening our requirements while developing new products.

Greenpipe's products are tested according to current standards, thus providing comfort in quality when selecting our products.

### Assist Greenpipe in contributing responsibly for - Earth's resources!



### The Greenpipe History

Mr Lars-Göran Svensson, electrical engineer with some 40 years of professional experience had enough struggle with broken cable protection pipes for a lifetime.

This made him think it was possible to develop a better solution. After several years of innovative work, in the stony ground and forests of Småland, southern parts of Sweden, a new generation of divisible cable protection pipes, Snipp & Snapp™, was born 2001.

The pipes needed to address the following issues:

- Easy to assemble and install, without any specialist tools and avoiding work related injuries.
- Environmentally friendly solution as Mr Svensson, passionately considered waste and not to be a burden of future generations.
- Problem solving solution for harsh, vulnerable and tough environments.

Continued innovative work led Mr Svensson to launch an anchor plate made for the fixation of overhead line poles.

Mr Svensson's sons Stefan and Anders Svensson have now become next generation shareholders.

On their shoulders is the task of developing Greenpipe with the same innovative spirit and focus on durable user-friendly products.

Mr Svensson has thus freed up time for product development and continues, together with Stefan, reaching for the optimal future infrastructure solution.

The vision is to remain where nature inspire perfection in Småland, Sweden. Supplying the world with the new generation divisible cable protection pipes and complimentary innovative products with sustainability in mind.

### **Vision**



To create a sustainable infrastructure for future generations

### **Customer Promise**



We deliver innovative, reliable, durable, problem-solving products of high quality that are easy to assemble, use and that can withstand harsh environments.

### **Values**



Innovative – Reliable – Caring – Easy – Quality

### **Measure Your Climate Impact**

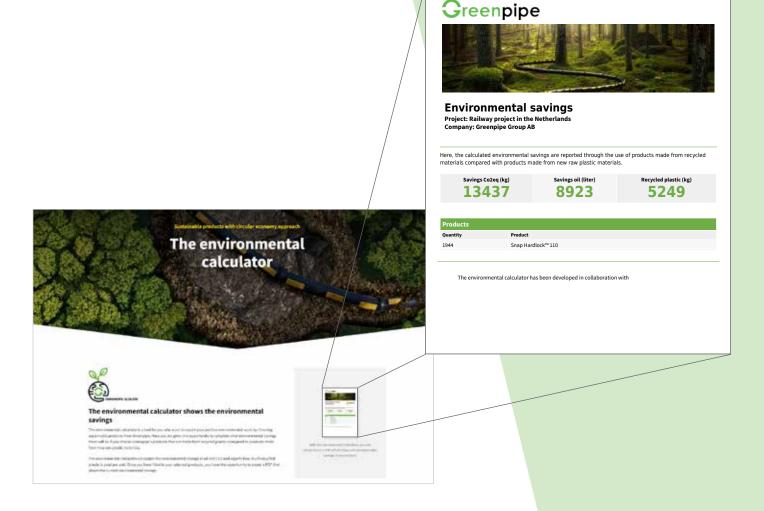
Greenpipe's environmental calculator is a tool for measuring environmental impact following your selection of products from Greenpipe.

Environmental savings will be compared from recycled materials with products from virgin material or concrete.

The calculator show the environmental savings as oil and CO<sub>2</sub> -eq and reports recycled plastic used per unit.

Once you have entered your selected products, you will have the possibility to create a PDF showing the environmental savings.

Start measuring your climate impact here: greenpipegroup.com/environment/environmental-calculator



### **Our Contribution to Agenda 2030**

Agenda 2030 and the sustainable development global goals, signed by 193 countries, indicate the future path we would contribute to.

Public entities and businesses have equal responsibility to contribute. Greenpipe supports

Agenda 2030 in its entirety and has identified specific goals and sub-goals where we focus our impact.

### The three key areas are;



#### Goal 8

Good working conditions and economic growth. A safe and secure workplace. We work continuously to improve our employees' health and safety. Greenpipe products are developed to (help) assist our customers making a safer environment for its staff.



#### Goal 9

Sustainable industry, innovation and infrastructure are core values for Greenpipe.
Innovative products and focus on local presence and sourcing we contribute and encourage sustainable production, circularity, and improved infrastructure.



#### Goal 11

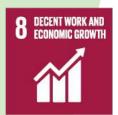
Sustainable cities and communities. This is our main goal. We are focusing on enabling and facilitating sustainable infrastructure and simplifying the creation of tomorrow's society. The goal is to contribute in a multitude of ways, without negative impact.





































# Sustainability is the Core Value in Everything We Do

Responsibility and sustainability are natural parts of Greenpipe's DNA. Focus is on how we influence others to move in a positive direction.

We would like to facilitate for our customers making the best long-term selection of products by clarifying which options are relevant for the specific situation and impact on longer term. For example, a damaged or hidden cable creates challenges. All cable installations should be protected to minimize external influences. Interruption of train service for individuals or cost for maintenance will accrue dramatically unless sustainability and long-term investment is considered.

What at first seem cost-effective and smart may lead to a costly and poor solution in the long run. It certainly does not contribute to our core value of a sustainable future.

#### **Not Sustainable Solution**

#### Sustainable Solution



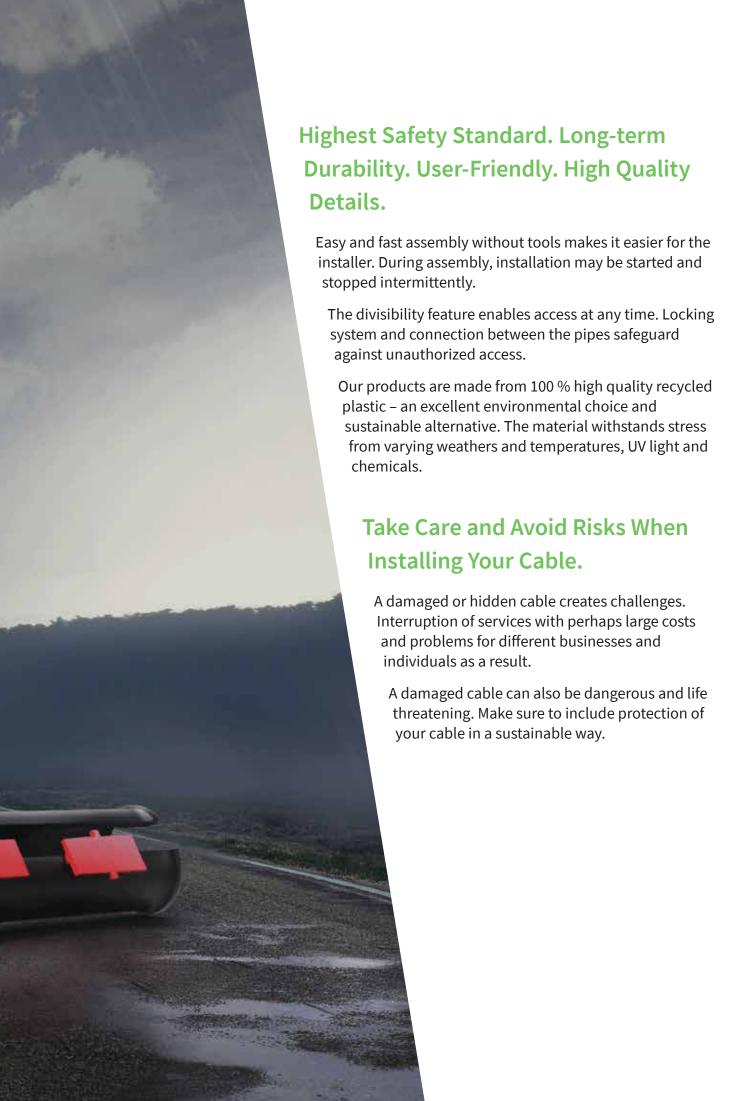
We are the solution to avoid explosives! We solve your difficult soil conditions! We have a solution for your sensitive and temporary installation!

Greenpipe's Snipp & Snapp™ range of divisible cable protection pipes, provide a versatile solution available in several dimensions and ranging from N450.

The product is developed for tough conditions such as rock and uneven terrain. The pipe provide protection in case of temporary or permanent placement above and underground, on land and in water, as well as in urban and rural environment.

The pipes may also be used on sensitive sites for cable protection at railway tracks, wind- and nuclear power plants. This is the ideal solution when you would like to avoid explosives.





### Greenpipe Snipp & Snapp™ Quicklock

Greenpipe Snipp & Snapp™ Quicklock is a priceworthy divisible cable protection pipe. It's made out of 100 % high quality recycled PP-EPDM plastic. Simple and fast installation without any tools needed will lead to low cost. An innovative design and well-developed locking system and hinges, secures the pipe halves and offers a safe and reliable protection. The divisible pull-resistant sleeve provides an ideal connection to ensure that the entire line remains fully protected, even over long distances with every connection giving a large amplitude (up to 22.5° per meter) of cable flexibility.

- · Quick and easy installation without tools.
- Good working environment for installers.
- Made of 100 % high quality recycled PP-EPDM plastic.
- Up to 80 % environmental savings compared to virgin material.
- Hooks and hinges prevent the halves from separating from each other.
- Mecanical properties tested according to ISO 9969:216 and EN 61386:24.
- Tillable up to 22.5° per meter in any direction enables flexible installation.







Outer diameter	Inner diameter	Weight	Length	Pieces/EU pallet	Savings in oil & Co₂-eq	Label colour*	Article Nr
(mm)	(mm)	(kg)	(cm)				
110	102	1.85	120	40/80	2.89l/4.35kg		10246
120	110	2.85	120	40/80	4.59l/6.91kg		10247
160	150	3.2	120	24/48	5.27l/7.94kg		10248

<sup>\*</sup> Further colours available upon request









### Greenpipe Snipp & Snapp™ Hardlock

Greenpipe Snipp & Snapp™ Hardlock is our original split pipe cable protection which has been produced for over 20 years. Often used when purchasers demand quality split pipes cable protection. Because of the integrated connection system, the product ensures quick and convenient connection without any tools and it easily connects to corrugated cable conduits. Snipp & Snapp™ Hardlock cable protection is produced in diameters from 60-220 mm, including moulded sleeve and three premounted locking clamps in desired colour. The divisible pull-resistant sleeves provides an ideal connection to ensure that the entire line remains fully protected, even over long distances



- Quick and easy installation without tools.
- Good working environment for installers.
- Made of 100 % high quality recycled PP-EPDM plastic.
- Up to 80 % environmental savings compared to virgin material.
- Connecting sleeves securing lengthwise connection between the pipes.
- Locking clamps and hinges prevent the halves from separating from each other
- Mecanical properties tested according to ISO 9969:216 and EN 61386:24.
- Tiltable 15° per meter in any direction enables flexible installation.



Outer diameter	Inner diameter	Weight	Length	Pieces/EU pallet	Savings in oil & Co <sub>2</sub> -eq	Locking clamp colour*	Article Nr
(mm)	(mm)	(kg)	(cm)				
60	50	1.2	100	112/224	2.04l/3.07kg		10255
110	99	2.8	100	48/96	4.59l/6.91kg		10256
160	144	4.5	100	24/48	7.65l/11.52kg		10257
220	200	6.7	100	12/24	13.60l/20.48kg		10258

<sup>\*</sup> Further colours available upon request







### Greenpipe Snipp & Snapp™ Panzar

Sub-sea cables are exposed to very rough conditions such as currents, stony seabed, sea traffic and salts. Greenpipe Snipp & Snapp™ Panzar was developed in close cooperation with submarine cable entrepreneurs and divers. The pipes can be installed quickly, both in sub-sea applications as well as above water. The Greenpipe Uni Weight™ is used to complement the protection pipes to fix the cables to the seabed in flowing waters.

- Quick and easy installation without tools.
- Good working environment for installers.
- Made of 100 % high quality recycled PP-EPDM plastic.
- Up to 80 % environmental savings compared to virgin material.
- Connecting sleeves securing lengthwise connection between the pipes.
- Locking clamps and hinges prevent the halves from separating from each other.
- Mecanical properties tested according to ISO 9969:216 and EN 61386:24.





Outer diameter	Inner diameter	Weight	Length	Pieces/EU pallet	Savings in oil & Co <sub>2</sub> -eq	Locking clamp colour*	Article Nr
(mm)	(mm)	(kg)	(cm)				
70	50	3.4	100	65/130	5.78l/8.70kg		10263
110	90	4.7	100	28/56	7.99l/12.03kg		10261
110	90	1.7	30	105/210	2.89l/4.35kg		10264
160	140	6.0	100	18/36	15.36l/10.20kg		10262

<sup>\*</sup> Further colours available upon request

### Greenpipe Uni Weight\*

Weight (kg)	<b>Length</b> (cm)	Pieces/EU pallet	Article Nr
12	60	72	10501
18 (standard)	90	48	10502



<sup>\*</sup> Available in smaller or heavier weight if needed









### Greenpipe Snipp & Snapp™ Multilock

Greenpipe Snipp & Snapp™ Multilock is a further development of Snipp & Snapp™ Hardlock where an additional flanges has been added to pipe. This allows the pipe to be sawn into shorter parts option that the tube can have a flange on each side that allows installation in two directions simultaneously.

Works as a mechanical protection on land as well as in urban environments and countryside, both for permanent or temporary installations.

- Quick and easy installation without tools.
- Good working environment for installers.
- Made from 100 % high quality recycled PP-EPDM plastic.
- Up to 80 % environmental savings compared to virgin material.
- Connecting sleeves securing lengthwise connection between the pipes.
- Locks and hinges prevent the halves from separating from each other
- Tiltable 15° per meter in any direction enables flexible installation
- Mecanical properties tested according to ISO 9969:216 and EN 61386:24.
- The design enables the pipes to be sawn into shorter parts,
   36 or 77 cm, to enable greater bending of the cable or to install in two directions whilst remaining the lenghtwise connectability







Outer	Inner			Savings in	Locking clamp	Article Nr	
diameter (mm)	diameter (mm)	(kg)	(cm)	patiet	oil & Co <sub>2</sub> -eq	colour*	
110	94	3.4	100	48/96	6.0l/3.0 kg		10018

<sup>\*</sup> Further colours available upon request









### **Greenpipe Flex Cable Tray**

Greenpipe Flex Cable Tray is a product developed to reduce transmission losses while protecting the wiring. When using Flex Cable Tray significantly reduces sand ingress. For placement, less preparatory work is required and no alternative significantly less bottom sand. The product protects the cable on the underside and at the same time releases the heat at the top. In most cases, wiring from below is damaged from vascular shooting or prolonged friction and this the cable tray can protect against.

Compared to sand and cloth, the cable tray remains and protects cabling over time, and you do not need to count on the heat dissipation.

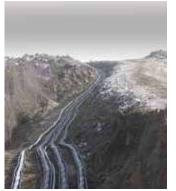
Assembled very quickly on site and contributes to a more cost effective protection.

- Quick and easy installation without tools.
- Good working environment for installers.
- Made of 100 % high quality recycled PP-EPDM plastic.
- Up to 80 % environmental savings compared to virgin material.
- The desing allows the trays to snap into each other in each connection, preventing the trays from separating.
- Reduces the need for sand in the installation.
- Very favorable heat dissipation.

Length	Width	Tiltable/Connection	Pieces/EU pallet	Savings in oil & Co <sub>2</sub> -eq	Article Nr
(mm)	(mm)	(degrees)			
1200	150	10	84/100	2.38l/3.58kg	10267









### **Greenpipe Cross Duct**

Greenpipe Cross Duct is mainly used as a transverse duct under roads and railways where the stresses doesn't allow to install ordinary pipes, e.g. when cable pipes are exposed too large pressure loads such as roads and level crossings or where there is no space for normal shafts such as in city centers, tunnels, bridges and the like.

- Quick and easy installation without tools.
- Good working environment for installers.
- Integrated sleeves prevents the duct from separating longitudinal.
- Short installation time thanks to user-friendly design.
- Better economy many cables can be laid in the same channel.
- Available in 4, 6 or 9 compartments





Compartment	<b>Length</b> (cm)	Weight (kg)	Article Nr
4	110	10	14090
6	110	14	14091
9	110	19	14092

When assembling, each unit builds 1 m.









### **Greenpipe Hardlock Adaptor**

Greenpipe Hardlock Adapter is our solution for connecting our divisible pipes or with corrugated whole pipes, ensures that the cable is protected in the joint.

- Quick and easy installation without tools.
- Good working environment for installers.
- Made of 100 % high quality recycled PP-EPDM plastic.
- Up to 80 % environmental savings compared to virgin material.
- Protects the joint between Greenpipe's divisible pipes and entire pipes.





Inner diameter	Weight (kg)	Pieces/pallet	Savings in oil & Co <sub>2</sub> -eq	Article Nr
110	0.3	30	0.56l/0.84kg	10250
160	0.8	30	1.36l/2.05kg	10251







### **Greenpipe Multibox**

Greenpipe Multibox solves all possible situations such as joints, angles up to 90 degrees and Y & T joints.

Also makes it possible to change the dimension of protective pipes.

Adapted for protective pipes with a diameter of 40 – 220 mm.

- Quick and easy installation without tools.
- Good working environment for installers.
- Allows you to change the pipe diameter.
- Up to 80 % environmental savings compared to virgin material.
- Made of 100 % high quality recycled PP-EPDM plastic.
- Ensures that the cable is protected during splicing and branches.







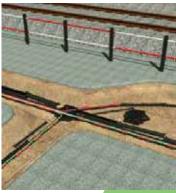


Outer diameter	Height	Length/ depth	Pieces/ pallet	Weight	Connectable pipe diameter	Savings in oil & Co <sub>2</sub> -eq	Article Nr
(mm)	(mm)	(mm)		(kg)			
660	300	660	25	4.85	40 mm – 220 mm	8.25l/12.42kg	10253









### Greenpipe Multi Chamber

Greenpipe Multi Chamber is a versatile problem solver. A lifesaver when it comes to cable laying but also serves as a foundation for larger lighting poles and signs.

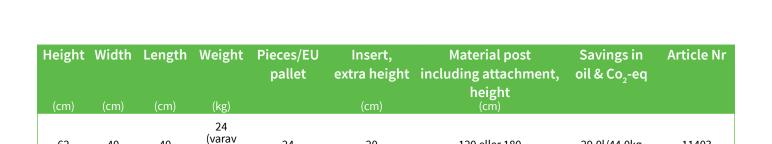
- Good working environment for installers.
- Made of 100 % high quality recycled PP-EPDM plastic.
- Up to 80 % environmental savings compared to virgin material.
- Can be installed both for new construction or afterwards.
- The wall thickness and the choice of a proven cast iron lid make the solution will maintain the life of the cable.

Eliminate the risk of cable exposure. Instead of putting a "clone" in the network station so place it without risk in the cable well.

The product is developed together with the electrician Jonas Eriksson at ETS Myra AB. The focus has been on developing a solution that eliminates risky elements for people in the field.

24





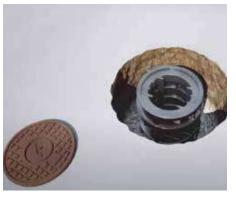
20

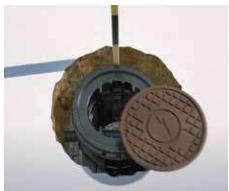
120 eller 180



40

lock 8.5





29.0l/44.0kg

11403

62

40

### **Greenpipe Quick Eco Base**

Greenpipe Quick Eco Base is a base for 60 and 108 mm diameter poles developed to simplify the installation of posts. Examples of such are street lights, bollards, engine heaters, charging posts, road signs, signs, park furnishings, etc. The innovative design and base weight helps to facilitate, but also increase the quality of assembly of the base.

Thanks to the base's simplicity and low weight, overall project costs will be reduced due to savings in tranportation, installation and excavator time. Furthermore, a damaged pole is easily replaced without the need of replacing the base.

The bases are made of 100 % high quality recycled plastic. The entire construction and material selection are made to cope stresses from varying weather and temperatures, UV light and chemicals.

- Quick and easy installation.
- Good working environment for installers.
- Made from 100 % high quality recycled PP-EPDM plastic.
- Up to 60 % environmental savings compared to concrete.
- Four robust wings prevent the foundation from twisting.
- The design makes it easy to replace the post that sits in the base.
- Low weight compared to concrete solutions makes it easy to handle as well as advantageous to transport.





Dimension	Bottom plate	Adapted post diameter	Height	Insertion depth	Weight	Pieces/EU pallet	Savings in oil & Co <sub>3</sub> -eq	Article Nr
(mm)	ø (mm)	(mm)	(mm)	иори.	(kg)	paner		
60/520	300x300	60	520	350	3.5	36/72	5.95l/8.96kg	11400
108/900	400x350	108	900	600	12	8/16	19.55l/24.44kg	11401









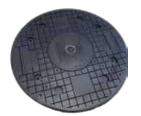
### **Greenpipe 1Base**

Greenpipe 1 Base is a universal base. Thanks to the lid's unique design (works as an adapter) you can anchor all current and future charging stations in Greenpipe 1Base. If after a while you would need to replace your charging post to another, one does not have to replace the entire base, but only the lid.

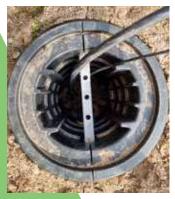
Expand with charging stations as the need increases, without having to dig again! By installing several Greenpipe 1Base at the first excavation, you are prepared to expand its facility with more charging stations as the need increases. It saves on both time and money, as you can avoid further future extra earthworks etc. All that is left to install for a future charging station, is a lid and any collision protection.

- Quick and easy installation.
- Good working environment for installers.
- Made of 100 % high quality recycled PP-EPDM plastic.
- Up to 60 % environmental savings compared to virgin material.
- The lid's design contributes to a universal solution for the present and future charging posts.
- Prepare for the future and expand as the need for more charging posts increases.





Height (cm)	Width (cm)	Length (cm)	Weight (kg)	Pieces/EU pallet	Insert, extra height (cm)	Savings in oil & Co <sub>2</sub> -eq	Article Nr
62	40	40	19 (of which lid is 3.5 kg)	24	20	29.0l/44.0kg	12001









### **Greenpipe Eco Anchor**

Greenpipe Eco Anchor is a plate made for the fixation of overhead line poles, made from high quality recycled plastic that is age resistant.

The plates are tested and approved according to standards.

- Quick and easy installation without tools.
- Good working environment for installers.
- Made from 100 % high quality recycled PP-EPDM plastic.
- Up to 60 % environmental savings compared to concrete.
- Handles for easier transport, handling and assembly.
- No risk of cracks or broken plates if you drop them.





"-Safe and user-friendly to install"

Owe Hellström, One Nordic

Diameter	Weight	Pieces /EU pallet	Materialset	Savings in oil & Co <sub>2</sub> -eq	Article Nr
(mm)	(kg)			<u> </u>	
430	6	54/108	0016	10.20l/15.36kg	10280
640	11	24/48	0017	18.36l/27.65kg	10281
640x2st	44		0018		







### Area of use



#### **ELECTRICAL DISTRIBUTION**

Cable installation for powerlines can be challenging, for example rough terrain such as stones and mountains could make it impossible to reach recommended laying depth. Snipp & Snapp™ is a solution for every occasion with different characteristics and sizes. Problem solvers that are well-proven since the use of cable conduits in the rough Nordic country's terrain for over 20 years.



#### CONSTRUCTION

Temporary electricity on the construction site can be protected with cable protection. The cables above ground can cause personal injuries to staff or third parties.



#### **OPTICAL FIBER**

With rough terrain such as stony areas or where heavy loads are expected it is a good idea to increase the fiber ducts mechanical protection to avoid future cable damages. With the divisible solution of Snipp & Snapp™ cable protection pipe, the pipe is easily snapped around the fiber ducts at required cable distances.



#### **AIRPORT**

Our innovative products produced out of recycled plastic is highly suitable for airport construction. Our high-quality divisible cable protection pipes secure safe and sustainable installation of powerand data cables and our bases secures poles for signs, traffic and street lights.



#### **ANCHORING**

Greenpipe is an innovative driven company, we listen to the customers and installers in the industry. Thanks to your input we have developed products of high-quality recycled plastic for different anchoring applications. Such as street light poles, signs and E/V charger bases and foundations. Another product highly appreciated by installers is our anchor plates that secures overhead powerline poles.



#### **WINDFARMS**

Unwanted downtime could be very costly. A reliable cable protection is therefor of high importance and should be included in any wind farm project budget. The divisible cable conduit of Snipp & Snapp™ is a well-proven cable protection known to be a problem solver and to save time and money in wind farm projects.



#### **RAILWAY**

At railway projects it is common to have temporary cables still active laying on the ground while a platform or new track is built. To avoid cable damages or third party accidents these cables are protected with divisible pipes. Our solution Snipp & Snapp™ is highly suitable cable conduit for this purpose. The pipes easily snaps around the active cable enabling continuous operation without the need of splicing and jointing the cable.



#### **NUCLEAR POWER PLANT**

It is of great importance that continued operation of powerlines and data communication is secured at Nuclear power plant sites. Our divisible cable protection pipes secures the cable, whether it is a temporary or permanent cable installation.



#### **SUB-SEA CABLE**

Sub-sea cables are exposed for very rough conditions such as currents, stony seabed, sea traffic and salts. To protect the cable and make sure it last its lifespan a protective pipe is commonly used. Our solution, Snipp & Snapp™ Panzar, is widely used at a various type of sub-sea cable applications.



#### WATER/SEWAGE

Protect your water and sewage pipes with divisible cable protection pipes or protect nearby electrical cables, when repairing existing water main you can give extra protection from accidents to personnel and third parties.



#### **DEFENSE**

Secure continued operation of power- and data communication cables with sustainable and robust divisible cable protection pipes. Rapid and easy installation in the field without the need of tools. Simple and smooth transportation with standardized EU-pallets makes for easy handling on site

Our divisible cable protection pipes in various qualities and sizes are suitable for different military bases and refuges camps. And thanks to the reusability the products could be dismantled and used at next site.

### **Selected References**



Area of Use: Railway



## 19 000 meters divisible cable protection pipes to railway in Amsterdam

Project/location: Rebuild of platform outside of

Amsterdam, The Netherlands

Product & quantities: 19000 meters Greenpipe Snipp

& Snapp<sup>™</sup> Hardlock 110 mm.

Client: ProRail



#### Area of Use: EV-Charger



### Easy installation of charging posts on the universal base Greenpipe 1Base

Entreprenur: Assemblin in Sweden

**Product:** Greenpipe 1Base

**Project:** Charging post in the town Värnamo in

Sweden



Area of Use: Sub-Sea Cable



### Shore-end installation for sub-sea cable, Drammensfjord in Norway

Project & location: Drammensfjord, Norway

Net owner: Skagerak Nett

**Entrepreneur:** Seløy Undervannsservice AS **Product & quantities:** 1800 meters Greenpipe Snipp & Snapp™ Panzar, 160 mm for protection of the

sub-sea cable.



Area of Use: Windfarms



### 4400 m protection pipes to a Windfarm, Sweden

Project & location: Stigshöjden wind park

Net owner: Ox2

**Entrepreneur:** One Nordic

**Product & quantities:** 4400 meters Greenpipe Snipp & Snapp<sup>™</sup> Hardlock 160 mm and 30 meters Greenpipe Snipp & Snapp<sup>™</sup> Panzar 160 mm. Also Greenpipe Snipp & Snapp<sup>™</sup> Quicklock 160 mm was

used during the project.

For more references visit greenpipegroup.com/references

05/2022







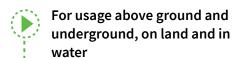














**UV-resistant plastic** 



Lockable in the joint between the fittings



Quick and easy assembly without tools



Problem solvers for difficult and tough environments



100 % high quality recycled plastic



Good working environment for installers



**Robust construction** provides unique protection in harsh environments



**Tested and certified** 

Visit greenpipegroup.com



# Greenpipe

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