



Sustainability
is our responsibility





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As your partner, we produce and supply customised protective packaging especially for your sensitive products. At our main plant in Bad Oeynhausen in East Westphalia, we combine development, production and logistics under one roof. With modern machines, a lean administration and a highly qualified team, we can supply you with customised packaging solutions in the shortest possible time, precisely for your product requirements, and make a significant contribution to environmental protection, resource conservation and sustainability.

Sustainability and environmental protection are very important to us, which is why certification in accordance with DIN EN ISO 14001 is the logical consequence. With our sustainable products and their future-orientated production, we are doing our bit for a world worth living in.

The environmental policy is an integral part of the company policy and is therefore aimed at the entire Emba-Protec workforce. The aim of the environmental management system is to continuously review and improve all activities with an impact on the aspects of operational and social environmental policy.

The environmental management system practised by Emba-Protec is based on the requirements of DIN EN ISO 14001. All actions within the company are accordingly aligned with all environmentally relevant laws and regulations.

Sustainability



Emba-Protect

our sustainability in figures

More than CO2 neutral - we feed over 50 % of our own neutral energy production into the electricity grid.

We are power generators

680 thousand kWh of electricity generation with photovoltaics with an output of 1000 kWp.

We obtain 60% of our heat from the exhaust air from the air generators.

80% of our company vehicles at the site are electric or hybrid.

We are planning to expand our charging stations by a further 50% by mid-2025. We will convert all company vehicles at the site (excluding lorries) to an electric or hybrid basis by mid-2025.

We save energy

Thanks to high-energy building insulation. Thanks to intelligent LED lighting systems. Thanks to state-of-the-art ventilation technology

We recycle

95 % of our own waste is recycled.

Energy balance 2023

Power generation (PV)	679.198,47 kWh
Direct consumption	318.282,89 kWh
Total consumption	434.106,10 kWh
Grid feed-in	360.915,58 kWh
Mains supply	90.790,35 kWh
Positive balance sheet	245.092,37 kWh





Packaging

use sensibly

Emba-Protec, the sustainability of our products

using the example of our Emba-Quick FL181206ECQ for packaging volumes of 180 x 120 x 60 mm (L x B x H).



FL 181206 Q

Product data

External dimensions 210 x 170 x 120 mm

Quality E 1.40

Scope of delivery = Fixing packaging with attached outer carton
1 piece

Article-Code Version

FL 181206 Q NORMLine 50, PU film 50 my

FL 181206 ESQ ESDLine 50, PU film ESD 50 my

FL 181206 ECQ ECOLine 50, PE film 50 my

Maximum product size: **180 x 120 x 60 mm**

Applications: small devices, instruments, displays
Max. product weight: up to 2000 gr.

	Weight Corrugated Board	Weight of Protective Packaging *)	Carbon Footprint Corrugated board ¹⁾	Carbon Footprint Material Product protection	Carbon Footprint total
Emba-Quick (film portion)	156 g	5 g	76,6 g	13,7 g	90,3 g
Outer carton with crumpled paper *)	98 g	100 g	48,1 g	60,9 g ²⁾	109 g
Outer carton with bubble wrap *)	98 g	35 g	48,1 g	96 g ³⁾	144,1 g



1) Carbon footprint corrugated board
2) Carbon footprint crumpled paper
3) Carbon footprint PE film

CO2 equivalents per ton of corrugated cardboard packaging 491 kg
CO2 equivalents per ton of corrugated cardboard packaging 609 kg
CO2 equivalents per ton of corrugated board packaging 2744 kg

Disposal and recycling of our packaging

In the example shown, the proportion of film is approx. 3%. This means that our packaging is mono-material packaging. What does this mean for you? You do not have to and should not separate the film from the packaging. Our packaging belongs unseparated in the wastepaper. Only then can 100% utilisation be guaranteed.

Why?

Your packaging is pulped during the production of corrugated base paper. The fibre material of the paper is separated from the film in a pulper. The film is skimmed off and sent for recycling or directly for disposal. This ensures that no film components end up in our environment.



Packaging from Emba - an all-round efficient and sustainable packaging Emba-Protex - we produce sustainable packaging in a sustainable company. We save 90,000 kg of CO2 equivalents per year by using the above-mentioned Emba-Quick packaging material compared to companies without similar energy generation and feed-in.

CARBON FOOT PRINT

In our test set-up, the use of the Emba products mentioned above saves over 35% of CO2 per tonne of packaging material compared to the use of a corrugated cardboard box with bubble wrap to protect the packaged goods.

We respect our environment and the people we work with.

Emba-Protex GmbH & Co KG sees every single employee as an individual and as the basis of the company's success.

We support our employees not only through further training programmes, reintegration after illness or similar. We provide our employees with fresh fruit and drinks every day - free of charge. We provide our employees with freshly prepared meals in our own canteen - varied and inexpensive. We are there for each other!

Emba-Protex

A strong community !

A strong company !

If we have aroused your interest, give us a call! We would also be happy to visit you at your premises and discuss your wishes and requirements.

Our nationwide field service is competent, thinks pragmatically and helps immediately.



Innovative protective packaging ...

MADE IN GERMANY



Emba-Protec GmbH & Co. KG | Alter Postweg 68 | D - 32549 Bad Oeynhausen
Phone +49 (0) 57 31 - 30 888 - 0 | Fax +49 (0) 57 31 - 30 888 - 30
info@emba-protec.de | www.emba-protec.de