

the protective Packagist ...



# IT-Repair

High-Tech packaging for  
High-Tech products

## Innovative Protective Packaging ...



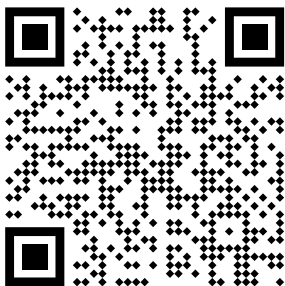
Our company was founded in 2003 as an owner-managed family business. We exclusively focus on innovative solutions for packing delicate products. Our success has proved us right, and during the last few years we became the European market leader for innovative protective packaging.

As your partner, we produce and deliver bespoke protective packaging specially designed for your delicate products. In our headquarters in Bad Oeynhausen, we combine R&D, production and logistics under one roof. With modern machines, lean administration and a highly qualified team, we deliver bespoke packaging solutions tailor-made to your needs.

Our standard range, comprising more than 500 sizes, is the market's largest. This standard product range is available from stock – even in small quantities.

Our main catalogue with all standard products can be found on our website:

<https://www.emba-protec.de/en/service/download>



For getting to know our entire standard product range, please scan the QR code or ask for our main catalogue "the blue experience" as a printed version (144 pages).

## Innovative Protective Packaging ...



With more than 10.000 square meters of storage space and a modern high-bay warehouse with more than 6.500 spaces, we guarantee a just-in-time delivery of your packaging. When you place a contract order, no matter whether the item is a standard size or a packaging specially designed for you, we produce higher volumes, pass-on the price advantage to you and arrange for storage. Up to this point, we bear the cost and you only pay when your packaging leaves our premises. You just have to order call-off quantities and we deliver from stock directly to your production site, always conforming to your changing processes and requirements. This is our understanding of customer service.

We compiled a small part of the standard range in this brochure,  
suitable for packing IT and electronic devices.

Please do not hesitate to contact us for assistance in choosing the right packaging system for you. We will be pleased to help you. As the European market leader, we have the experience!

Zertifiziertes Qualitätsmanagement System /  
Certified quality management system  
ISO 9001: 2015  
Umweltmanagement nach /  
Environmental management  
ISO 14001: 2015



# Smartphones



# Tablets





FL 150702 Q

Maximum product size: **150 x 70 x 20 mm**

## Product data

Overall transport box dimensions 200 x 107 x 49 mm

Quality E 1.50

Scope of delivery = Retention packaging with attached transport box

1 unit

| Article-Code           | Version                       |
|------------------------|-------------------------------|
| <b>FL 150702 Q</b>     | NORMLine 50, PU film 50 my    |
| <b>FL 150702 ESQ</b>   | ESDLine 50, PU film ESD 50 my |
| <b>FL 150702 ECQ ←</b> | ECOLine 50, PE film 50 my     |

Applications: circuit boards, flat components

Max. product weight: up to 750 gr.



FL 160801 Q

Maximum product size: **160 x 80 x 10 mm**

## Product data

Overall transport box dimensions 195 x 110 x 50 mm

Quality E 1.40

Scope of delivery = Retention packaging with attached transport box

1 unit

| Article-Code           | Version                       |
|------------------------|-------------------------------|
| <b>FL 160801 Q</b>     | NORMLine 50, PU film 50 my    |
| <b>FL 160801 ESQ</b>   | ESDLine 50, PU film ESD 50 my |
| <b>FL 160801 ECQ ←</b> | ECOLine 50, PE film 50 my     |

Applications: smartphones, hard disks, small devices, circuit boards

Max. product weight: up to 750 gr.



FL 191203 Q

Maximum product size: **190 x 120 x 30 mm**

## Product data

Overall transport box dimensions 250 x 151 x 57 mm  
Quality E 1.50  
Scope of delivery = Retention packaging with attached transport box  
1 unit

| Article-Code           | Version                       |
|------------------------|-------------------------------|
| <b>FL 191203 Q</b>     | NORMLine 50, PU film 50 my    |
| <b>FL 191203 ESQ</b>   | ESDLine 50, PU film ESD 50 my |
| <b>FL 191203 ECQ ←</b> | ECOLine 50, PE film 50 my     |

Applications: hard disks, small devices, circuit boards  
Max. product weight: up to 1000 gr.



FL 231502

Maximum product size: **230 x 150 x 20 mm**

## Product data

Overall transport box dimensions 338 x 211 x 47 mm  
Fefco 0427 hinged lid box  
with accessory compartment, quality E1.40  
Scope of delivery = Fixing insert 1 unit  
Transport box 1 unit

**Accessory compartment included**

| Article-Code            | Version                       |
|-------------------------|-------------------------------|
| <b>FL 231502 S</b>      | NORMLine 50, PU film 50 my    |
| <b>FL 231502 ESDS</b>   | ESDLine 50, PU film ESD 50 my |
| <b>FL 231502 EC6S ←</b> | ECOLine 50, PE film 50 my     |

Applications: tablets, circuit boards  
Max. product weight: up to 1000 gr.



FL 241801 Q

Maximum product size: **240 x 180 x 10 mm**

## Product data

Maximum product size 342 x 230 x 49 mm  
Quality E 1.50  
Scope of delivery = Retention packaging with attached transport box 1 unit

| Article-Code           | Version                       |
|------------------------|-------------------------------|
| <b>FL 241801 Q</b>     | NORMLine 50, PU film 50 my    |
| <b>FL 241801 ESQ</b>   | ESDLine 50, PU film ESD 50 my |
| <b>FL 241801 ECQ ←</b> | ECOLine 80, PE film 80 my     |

Applications: tablets, circuit boards  
Max. product weight: up to 1500 gr.

**←: Our recommendation for your product.**

The max. product weights indicated are guidelines and may vary depending on product to pack and film.

# Laptops 13" - 17"





# Laptops 13" - 17"



Maximum product size: **310 x 210 x 40 mm**

## Product data

Overall transport box dimensions 438 x 268 x 96 mm  
Fefco 0201 slotted-type box with top and bottom flaps and accessory compartment, quality B 1.20  
Scope of delivery = Fixing insert 1 unit  
Transport box 1 unit

## Article-Code

## Version

**FL 312104 ECSZ** ← ECOLine 50, PE Folie 50 my

Also available without accessory compartment.  
Please use the following article-code:

**FL 312104 ECS** ← ECOLine 50, PE film 50 my

Applications: **13" laptops**

Max. product weight: up to 2500 gr.



Maximum product size: **360 x 260 x 40 mm**

## Product data

Overall transport box dimensions 436 x 318 x 100 mm  
Fefco 0201 slotted-type box with top and bottom flaps  
Quality B 1.40  
Scope of delivery = Fixing insert 1 unit  
Transport box 1 unit

## Article-Code

## Version

**FL 362604 S** NORMLine 50, PU film 50 my

**FL 362604 ESDS** ESDLine 50, PU film ESD 50 my

**FL 362604 EC5S** ← ECOLine 50, PE film 50 my

Applications: **15" laptops**, control units, gauges

Max. product weight: up to 3500 gr.



Maximum product size: **470 x 300 x 50 mm**

## Product data

Overall transport box dimensions 566 x 366 x 112 mm  
Fefco 0201 slotted-type box with top and bottom flaps  
Quality B 1.40  
Scope of delivery = Fixing insert 1 unit  
Transport box 1 unit

## Article-Code

## Version

**FL 473005 S** NORMLine 50, PU film 50 my

**FL 473005 ESDS** ESDLine 50, PU film ESD 50 my

**FL 473005 EC5S** ← ECOLine 50, PE film 50 my

Applications: **17" laptops**, boards, panels, gauges

Max. product weight: up to 4500 gr.

←: Our recommendation for your product.



# PC-monitors





# PC-monitors

17" - 27"



SW 4646150

Maximum product size: **460 x 460 mm**

## Product data

Overall transport box dimensions 610 x 568 x 328 mm  
Fefco 0201 slotted-type box with top and bottom flaps  
Quality BC 2.30  
Scope of delivery = Membrane cushion 2 units,  
Transport box 1 unit

## Article code

## Version

**SW 4646150 MS**

NORMLine 100, PU film 100 microns

## For multiple-use shipping

Applications: 17" to 19" monitors  
Max. product weight: up to 10.0 kg



FL 625816 Tfts

Maximum product size: **620 x 580 x 160 mm**

## Product data

Overall transport box dimensions 769 x 634 x 343 mm  
Fefco 0201 slotted-type box with top and bottom flaps  
Quality BC 2.30  
Scope of delivery = Fixing insert 1 unit,  
Bottom cushion 1 unit,  
Transport box 1 unit

## Article-Code

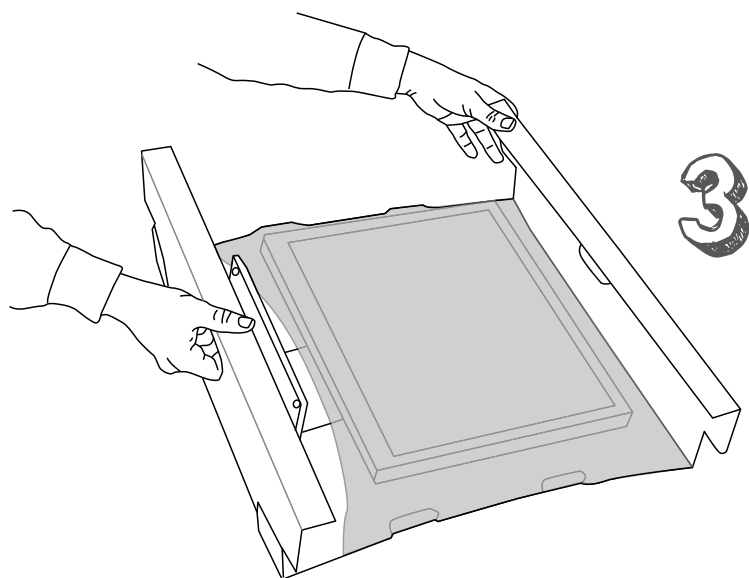
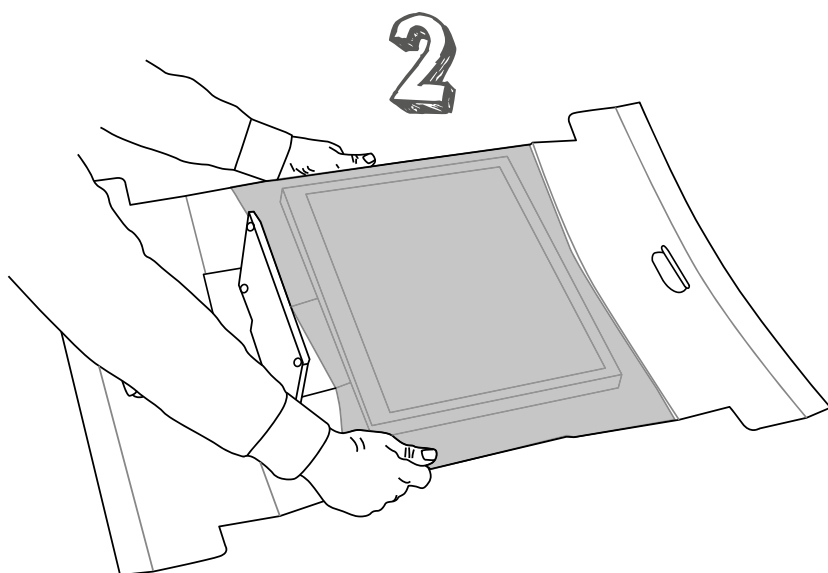
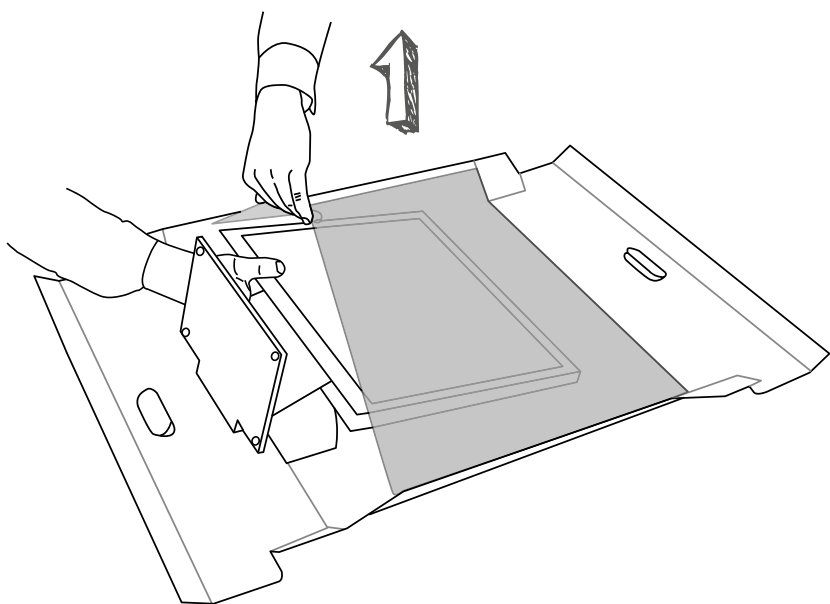
## Version

**FL 625816 Tfts**

ECOLine 100, PE film 100 my

## for one-way shipping

Application: **22" - 27"** Monitors  
Max. product weight: up to 10 kg



# Television





## Your advantages:

- highest protection for large-size flat screens of up to 50 kg
- upright transport of screens
- quick handling – easy packaging process
- no expensive foam packaging or wooden boxes necessary
- reduction of process costs (procurement, storing, shipment)
- environment-friendly, can be disposed of with waste paper
- reusable
- economical due to standard program (no tooling costs)



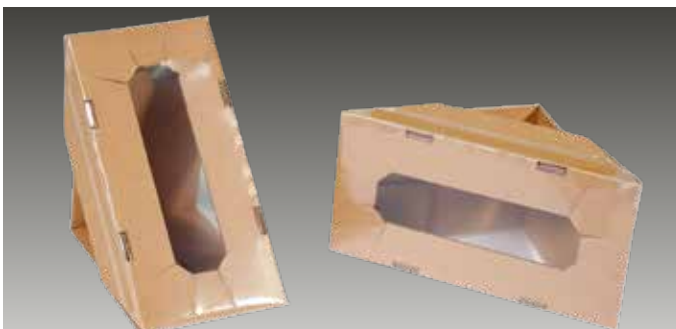
This cushion solution has been designed for large-size flat screens and flat panels with or without a stand. It is tailor-made for 32 to 60-inch diagonal screens. Smaller screen diagonals on request.



## The method

Our special packaging for screens is based on the suspension packaging Emba-Swing®. The corner suspension cushions can accommodate different display formats ranging from 32 to 60 inches. This version is especially useful in cases where a stand is pre-installed.

Due to the 4 cushions no stress is applied to any side of the screen. This system allows to pack screens in various dimensions. The outer box will be designed as an individual telescopic packaging.



SW 2206100 M

For screens up to 60 inches

### Product data

Quality BC 2.30

Scope of delivery = Suspension cushion 1 unit

| Article-Code        | Version                      |
|---------------------|------------------------------|
| <b>SW 2206100 M</b> | MAXILine 150, PU-film 150 my |

Applications: plasma and LCD screens, flat panels  
Max. product weight: up to 50 kg

# Emba-TrayTec Plus

Protective packaging at High – Speed



Emba  
TrayTec Plus

Protective packaging  
at high speed

Sending sensitive products was previously associated with a lot of effort. Preparing sensitive and high-quality products for dispatch **took time** and **required expensive packaging material**. Emba-Protec has **solved both problems** with the innovative packaging! With the membrane cushion you have achieved **perfect protection** at reasonable cost. Since using and assembling two cushions in larger quantities was time consuming, we combined a membrane cushion with fast automation.

**Emba-TrayTec Plus:** one cushion and one packaging process in significantly less time.

You benefit from all the advantages of the well-known Emba Swing system and Emba Tray Tec machine system. **You save time, money and thus considerable process costs.**



Prepare the tray ...



Place the product ...



wrap it ... ready for shipping !

### Cost:

- 60 % cheaper than competitive foam solutions
- 40 % cheaper than membrane cushions (saving one cushion)
- 90 % less storage space compared to foam solutions
- 50 % time savings in the packaging process

### Protection:

- Combines the advantages of two proven packing systems
- Also packs products with difficult contours
- Exceptional protection even for products sensitive to shock and vibration
- Floating transport on a cushion

### Speed:

- Faster than ever !

### Environment:

- One-material solution (film content less than 5%)
- Hence, the most environmentally friendly packaging
- Disposal in the waste paper
- Replaces all environmentally unfriendly foam packaging!



And please don't be afraid:  
the system is very easy to use.



This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.

# Innovative Protective Packaging ...



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