

Product Change Notice - Announcement

PCN no.:	P25-P26-2022-001
Date:	2023-02-24
PCN Type:	Information
Subject:	EGO Radiant Heating Elements – Standardization and optimization of EGO HiLights® and EGOconomics®: 1. New material for connecting parts 2. Alternative coating for fixing bracket 3. Reduction of can thickness
Reference:	Product Management – Katharina Himmer

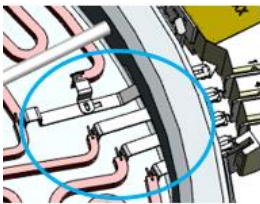
1. Change reasons / change items

The company group E.G.O. constantly pursues to follow up on continuous improvements of its products and production processes.

To provide the best possible services and products, E.G.O. intends to implement the following changes during the year 2023.

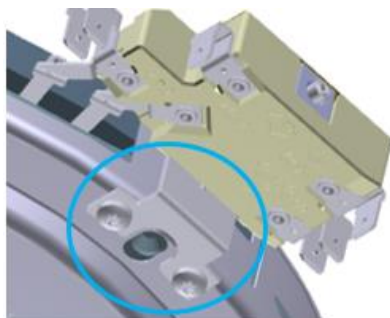
To keep the testing effort as low as possible, E.G.O. is offering a common sample supply regarding the changes which are communicated by E.G.O.'s PCN announcements P25-P26-2023-001 and P25-P26-2023-002, despite different dates of implementation.

1.1 New material for connecting parts used in EGO HiLights®



Due to the tight supply situation on the raw material market for connecting parts between ribbon and rod limiter, E.G.O. qualified a new material.

1.2 Alternative coating for fixing bracket used in EGO HiLights® and EGOconomics®

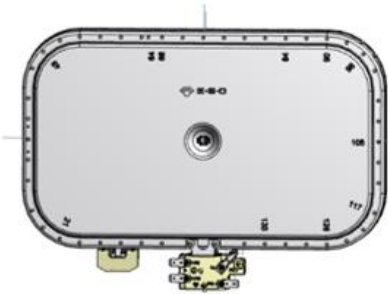


Due to the tight supply situation on the raw material market for fixing brackets, E.G.O. qualified an alternative hot dip galvanized coating for the fixing bracket of the rod limiter. The base material of the fixing bracket remains the same, only the coating differs. This alternative hot dip galvanized coating is already well known and successfully used within E.G.O.'s global production network to produce cans with a heated diameter of ≤ 180 mm.

To align the capacity utilization and to secure the supply

of EGO Radiant Heating Elements in the future, E.G.O. will use any of these two qualified coatings in the global production network for its radiant heating elements, depending on the market availability. Consequently, there might be mixed supplies of these two coatings in the future.

1.3 Reduction of can thickness of EGO HiLights®



E.G.O. intends to standardize the material thickness of the cans for EGO HiLights® with diameters of 320/260/210 mm and for ovals 180x415 mm and 165x290 mm from 0,7 mm to 0,6 mm.

Several can versions of 0,6 mm material thickness are already in use and proven for other EGO HiLight® diameters/shapes.

A summary of the passed tests can be seen in the following table:

Change no.		Lifetime requirements	Temperature measurement	Energy efficiency	Standard electrical safety	Mechanical strength	Mounting torques of customer fixation
1	New material for connecting parts	✓	✓	✓	✓	Not relevant	Not relevant
2	Alternative coating for fixing brackets	Not relevant	✓	Not relevant	Not relevant	Not relevant	Not relevant
3	Reduction of can thickness	Not relevant	✓	Not relevant	✓	✓	✓

The material type numbers will remain unchanged.

All these product changes will not have any negative influence on reliability, functionality, installation or performance of E.G.O.'s products and do not affect lifetime or approval.

2. Affected products

EGO HiLight® Radiant Heating Elements and EGOconomics®

Change no.		Material type numbers	Production site				
			E.G.O. Austria	E.G.O. Turkey	E.G.O. China	E.G.O. North America	E.G.O. Germany
1	New material for connecting parts	10.5x	x	x	x	x	x

Change no.	Material type numbers	Production site					
		E.G.O. Austria	E.G.O. Turkey	E.G.O. China	E.G.O. North America	E.G.O. Germany	
2	Alternative coating for fixing brackets	10.5x	x	x	x	x	x
		10.7x	x	Not applicable	Not applicable	Not applicable	Not applicable
3	Reduction of can thickness	10.5531x 10.5741x	x	Not applicable	Not applicable	Not applicable	Not applicable

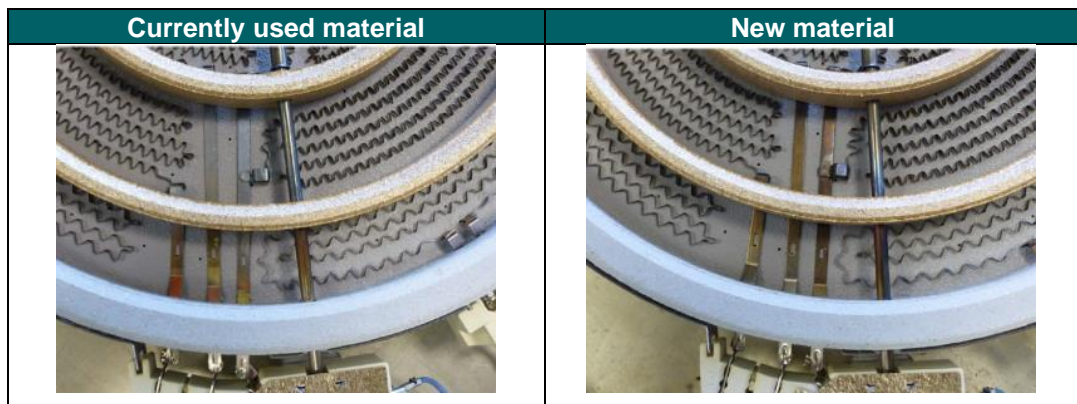
3. Affected material type numbers

Change no.	Material type numbers	Description	
1	New material for connecting parts	10.5x	EGO HiLights® See attachment "PCN P25-P26-2023-001_List of affected types"_change 1
2	Alternative coating for fixing brackets	10.5x	EGO HiLights® See attachment "PCN P25-P26-2023-001_List of affected types"_change 2
		10.7x	EGO EGOnomics®
3	Reduction of can thickness	10.5531x	EGO HiLight® triple-circuit, 320/260/210 mm See attachment "PCN P25-P26-2023-001_List of affected types"_change 3
		10.5741x.1xx	EGO HiLight® ovals, 180x415 mm
		10.5741x.2xx	EGO HiLight® ovals, 165x290 mm

4. Identification of change

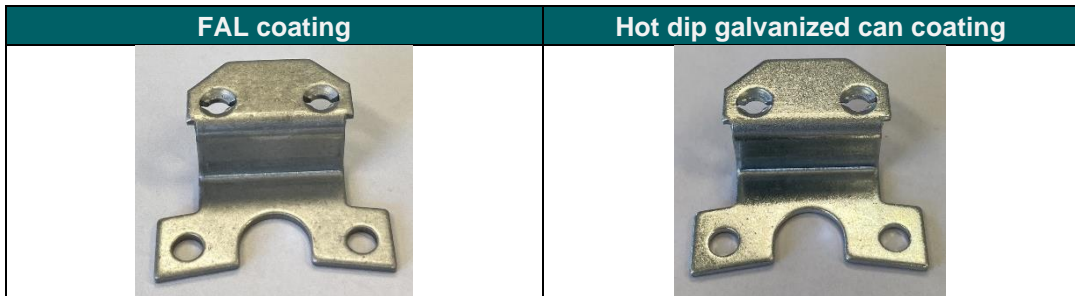
4.1 Change 1: New material for connecting parts

Visually there is no difference between the currently used and the new material for the connecting parts.



4.2 Change 2: Alternative coating for fixing brackets

The surface appearance of the fixing brackets differs as shown in the following pictures.



4.3 Change 3: Reduction of can thickness

The material thickness of the cans will be changed from 0,7 mm to 0,6 mm. This modification is optically not visible.

All further characteristics of the product like voltage, power, calibration and built-in dimensions remain unchanged.

5. Change schedule

The implementation of the changes in E.G.O.'s production network mentioned in this PCN will take place at different implementation dates:

Change no.		Implementation date
1	New material for connecting parts	Q4/2023
2	Alternative coating for fixing brackets	Q1/2024
3	Reduction of can thickness	Q4/2023

Please note that this timing is an estimation based on the current expected order situation. With changing market conditions, the changeover dates might be shifted slightly backwards or forwards.

Remaining stocks of radiant heating elements will be used up first.

6. Additional information

If samples are needed for release, please send a sample order as soon as possible, indicating the desired parts. Preferably, sample orders should be placed by the end of March at the latest in order that E.G.O. will be able to prepare the materialization at the production plants accordingly and to ensure a smooth sample provisioning process.

The shipment of the samples will start in Q2/2023.

A general sampling for change 2 (alternative coating for fixing brackets) is not planned, since it is only an alternative coating, which is already successfully used for cans with a heated diameter of ≤ 180 mm.

Proposal from E.G.O. for sample orders:

In order to keep the test effort as low as possible, E.G.O. recommends to select types that cover as many changes as possible related to the two PCN announcements mentioned in chapter 1. For example, a single-circuit EGO HiLight® with a heated diameter of 140 mm and 1,2 kW would be suitable for testing the new connecting part material and the 5,3A rod limiter together.

7. Appendix

See attachment: PCN P25-P26-2023-001_List of affected types