

## Transport test results of new packaging material for reflection monitors.

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Production Engineering Group

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### 1. Background

To evaluate the newly designed packaging, a transportation test was conducted between FOV and FPL. The test was ordered by WD and was performed with the following POs and products installed:

PRODUCTCODE	SHIPPINGDATE	SHIPQTY	POLINE	SPEC	ITEMNAME	Test qty (new tray)	Test qty (product)
FSL0001	2024-07-24	6	FL0000080096-1	SPC3-10703(2)	FLU-CMS123 Assy(ForC05)	2	2
FSL0003	2024-07-24	6	FL0000080100-1	SPC3-10704(2)	FLU-CMS45 Assy(ForC05)	1	2
FRM0001	2024-07-24	30	FL0000081008-1	SPC3-10706(3)	Cezanne Reflection Monitor	2	2

PSB78-24-0019 Working Direction: Packaging material prototype product application and transportation test

### 2. Conclusion

The test results are shown as follows:

Product	The number of samples	Results
Reflection Monitor	2	Good
FLU-CMS123/45	3	Good

### 3. Results

The trays were in very good condition when shipped. The condition after transportation is shown in Figure 1. With the old packaging, the lid needed to be taped down, but with this tray, there is no need to tape it down and it is strong enough to withstand shipping. Furthermore, sufficient fixing strength was obtained even when vibration was intentionally applied. Therefore, the transportation test was deemed to have been passed.

Fig1. Representative sample conditions

