

Transportation Products Division

MINI50 GEN I RCPT

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TRS-1330

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Mar. 6, 2025

Document No.: TRS-1330
Document Revision Level: A
Document Revision Date: 3/6/2025

Program: [MINI50 GEN I RCPT](#)
Product/Assembly Family Number: 34791/34824/34959
Type of Testing: [Vibration Test / Drop Test](#)
Customer:
Engineer: [Arlie Liu](#)

■ **Vibration test report:**

Abstract

Test MINI50 GEN I RCPT packaging to determine if the product will sustain damage during transportation process when suffer low frequency vibrate impact. Especially check if any contamination happened after testing. Vibration testing complies with ISTA 1A test standard.

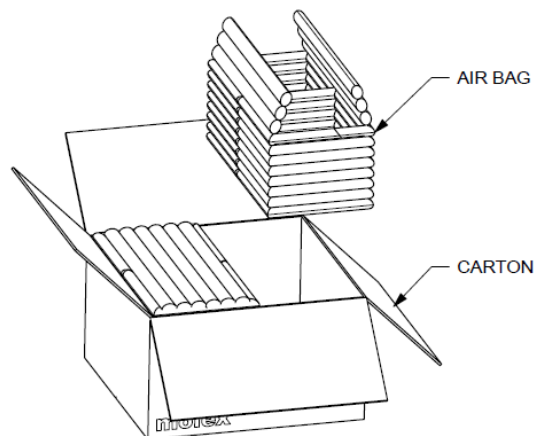
As result, the samples have no damage and no powder.

Test Setup & Structure:

The MINI50 GEN I RCPT samples were shipped to lab, the products were 100% visually inspected and re-packaged. When the vibration testing was finished, the products were again 100% visually inspected.

Packing method:

- | | | |
|-----------------------|-----------|-------|
| 1) Carton | 477991274 | 1 Pcs |
| 2) Air inflatable bag | 477995807 | 2 Pcs |



Test status:

- 1) Product Tested: [Reference the table](#)
- 2) Number of cartons tested: [14 groups \(14 cartons\)](#)
- 3) Carton Quantity: [Reference the table](#)
- 4) Full Carton Weight: [Reference the table](#)
- 5) Test Method:
 - a. Vibration test
 - b. CPM (Cycles Per Minute): 240~250
 - c. Test Duration in Minutes: 60



Vibration Test Equipment

Analysis & Results:

1. The packages are not damaged
2. The products have no damage and no powder

Type	P/N	QTY/Cell	SPQ	Weight/Kg
2ckt without CPA	34791002*	1750	7000	4.8
4ckt without CPA	34791004* 34791014*	1350	5400	5.2
4ckt with CPA	34791514*	1350	5400	5.9
8ckt without CPA	34791008* 34791018*	750	3000	5.0
8ckt with CPA	34791518*	750	3000	5.4
12ckt without CPA	34824012* 34824112*	475	1900	3.9
12ckt with CPA	34824512*	475	1900	4.0
16ckt without CPA	34824016* 34824116*	350	1400	3.5
20ckt without CPA	34824120* 34824020*	300	1200	3.6
20ckt with CPA	34824220*	300	1200	3.7
24ckt without CPA	34824024* 34824124*	275	1100	3.6
24ckt with CPA	34824224*	275	1100	3.8
34ckt with CPA	34959034*	275	1100	7.1
38ckt with CPA	34959038*	275	1100	7.2

Summary, Conclusions & Lessons Learned:

Based on the result of the vibration testing, we can conclude that the packaging can protect products in normal status.

■ **Drop test report:**

Abstract

Test MINI50 GEN I RCPT packaging to determine if the product will sustain damage during transportation process when suffer vertical impact. Drop testing complies with ISTA 1A test standard.

As result, no product damage, no CPA seated.

Test Setup & Structure:

The MINI50 GEN I RCPT samples were shipped to lab, the products were 100% visually inspected and re-packaged. When the drop testing was finished, the products were again 100% visually inspected.

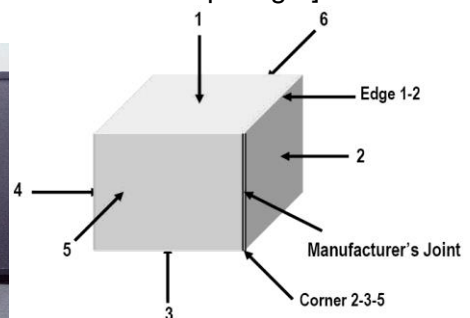
Packing method:

- | | | |
|-----------------------|-----------|-------|
| 1) Carton | 477991274 | 1 Pcs |
| 2) Air inflatable bag | 477995807 | 2 Pcs |

Test status:

- 1) Product Tested: [Reference the table](#)
- 2) Number of cartons tested: [14 groups \(14 cartons\)](#)
- 3) Carton Quantity: [Reference the table](#)
- 4) Full Carton Weight: [Reference the table](#)
- 5) Test Method:

Drop Test, (10) times [(1) Corner, (3) Edges & (6) Panels at a 76cm drop height]



Drop Test Equipment

Analysis & Results:

1. The packages are not damaged.
2. No CPA seated.
3. No parts have damage.

Type	P/N	QTY/Cell	SPQ	Weight/Kg
2ckt without CPA	34791002*	1750	7000	4.8
4ckt without CPA	34791004*	1350	5400	5.2
	34791014*			
4ckt with CPA	34791514*	1350	5400	5.9
8ckt without CPA	34791008*	750	3000	5.0
	34791018*			
8ckt with CPA	34791518*	750	3000	5.4
12ckt without CPA	34824012*	475	1900	3.9
	34824112*			
12ckt with CPA	34824512*	475	1900	4.0
16ckt without CPA	34824016*	350	1400	3.5
	34824116*			
20ckt without CPA	34824120*	300	1200	3.6
	34824020*			
20ckt with CPA	34824220*	300	1200	3.7
24ckt without CPA	34824024*	275	1100	3.6
	34824124*			
24ckt with CPA	34824224*	275	1100	3.8
34ckt with CPA	34959034*	275	1100	7.1
38ckt with CPA	34959038*	275	1100	7.2

Summary, Conclusions & Lessons Learned:

Based on the result of the packaging testing, we can conclude that the packaging can protect products in normal status.

Test pictures:

