



Sealed Air Taiwan Ltd.

Taiwan Packaging Laboratory

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International Safe Transit Association
Certified Packaging Laboratory



ID Number: ST-2304

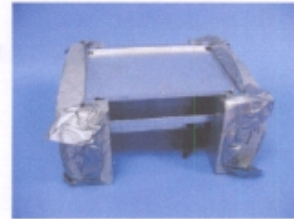
Drop Test Report

Nov 16, 2000

Prepared for: ASTECH TECHNOLOGY CO., LTD.
Product: ACS-2300
Carton Information: Double Wall AB-flute
400x325x180mm Inside Dimensions
Current Packaging: Instapak Gflex
Test Method: International Safe Transit Association (ISTA) Procedure 1A-Pre-shipment test for packaged products weighing under 100 pounds.
Test Equipment: Lansmont Precision Drop Tester
Package Weight: 5.2 kgs
Drop Height: 36"
Drop Description: 10 drops
Manufacturers joint lower corner, three radiating edges, and six faces.

TEST RESULTS: After testing, the outer container still afforded reasonable protection to its contents. There was no apparent physical damage to the unit. Functional testing, however, was not performed.

CONCLUSION: Provided that this unit is found to be in good working order, this package is suitable for common parcel shipment of this product.
It meets or exceeds the drop test portion of the International Safe Transit Association Procedure 1A pre-shipment test specifications.



Please contact with me if you have any question!!

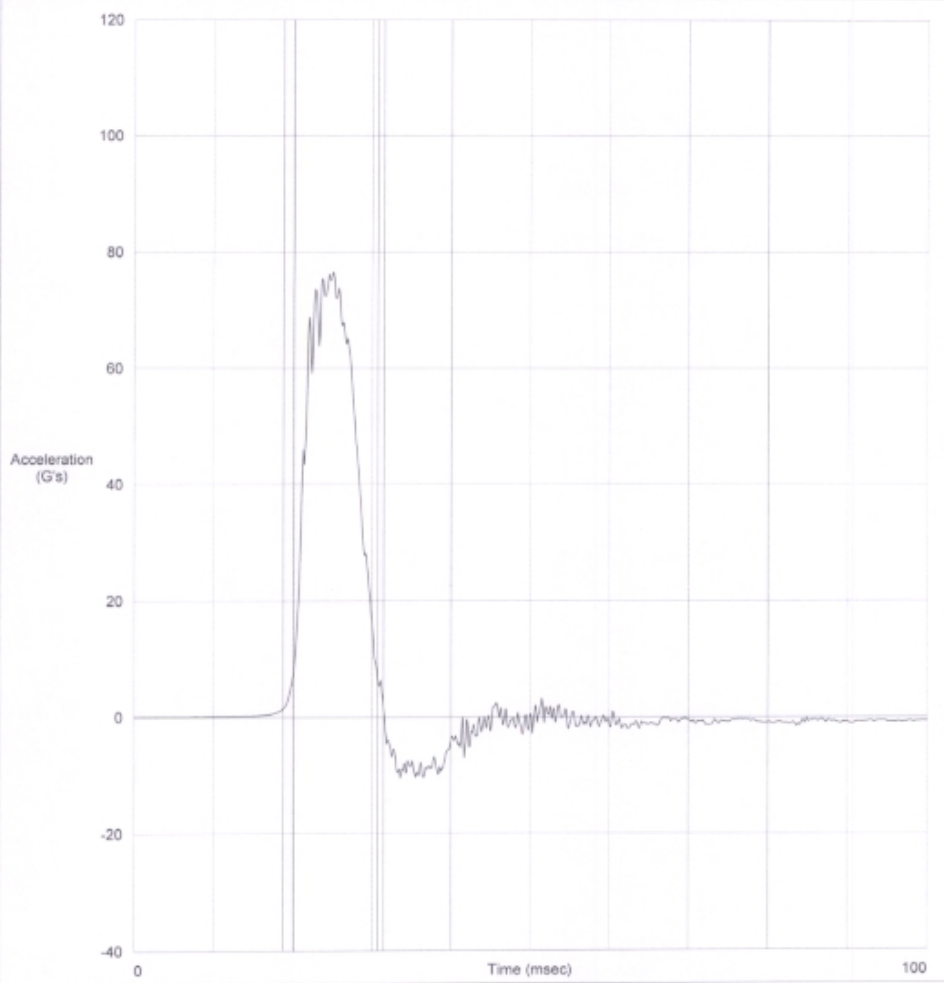
Tony Chang

Mark Hsu
Packaging Lab manager/Packaging Designer
Tony Chang
Packaging Designer



TEST
PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 2 Channel 2	76.52	10.60	213.09	330.00	76.52	-10.65



Test ID: ACS-2300
Drop Height: 36 inch

Remarks:

Acceleration vs. Time

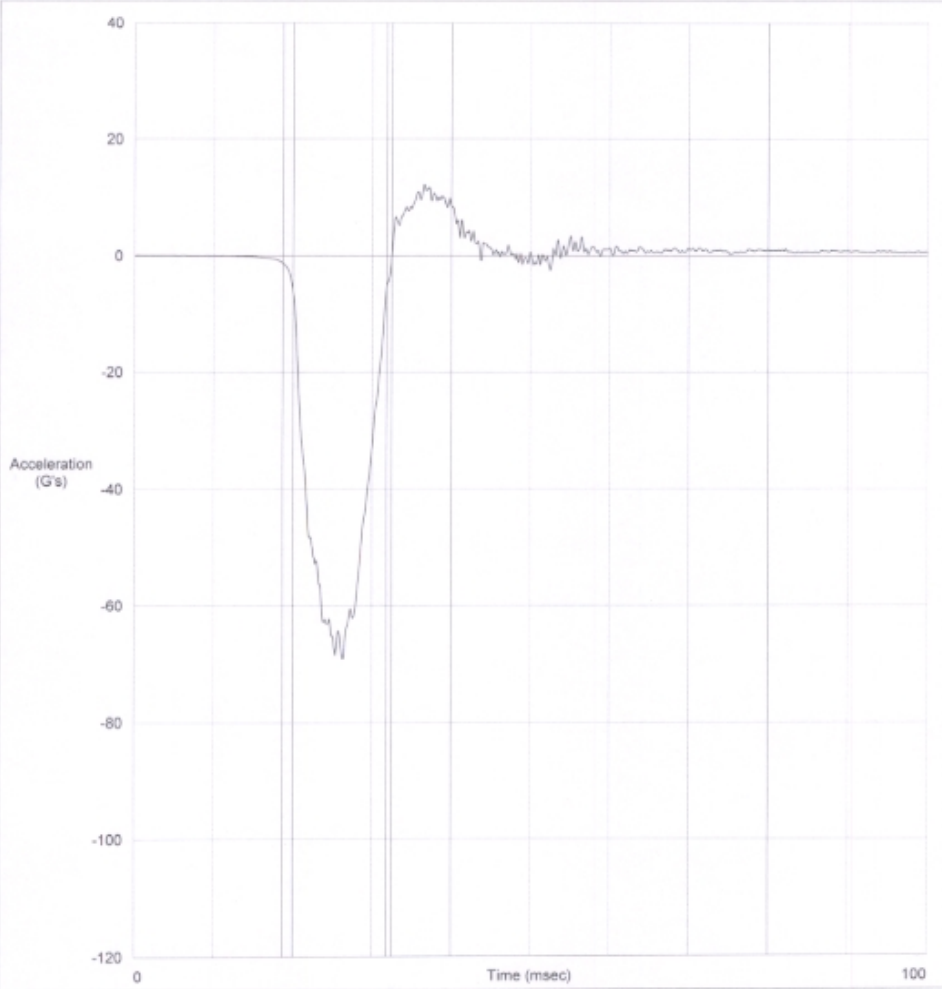
Right
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10:58:12 AM
Nov-16-2000



TEST
PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 2 Channel 2	-69.30	11.80	-214.23	330.00	12.23	-69.30



Test ID: ACS-2300
Drop Height: 36 Inch

Remarks:

Acceleration vs. Time

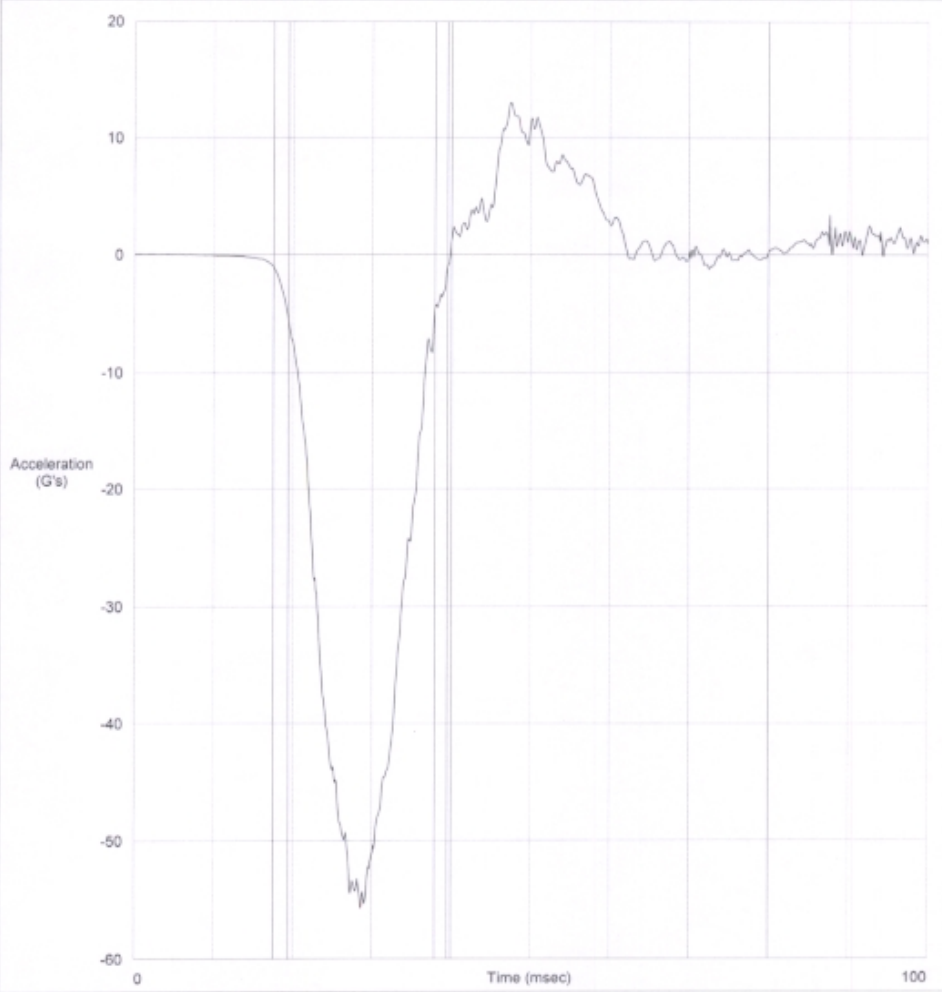
Front
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Nov-16-2000



TEST
PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Channel 1	-55.71	18.50	-243.95	330.00	13.05	-55.71



Test ID: ACS-2300
Drop Height: 36 Inch

Remarks:

Acceleration vs. Time

Rear
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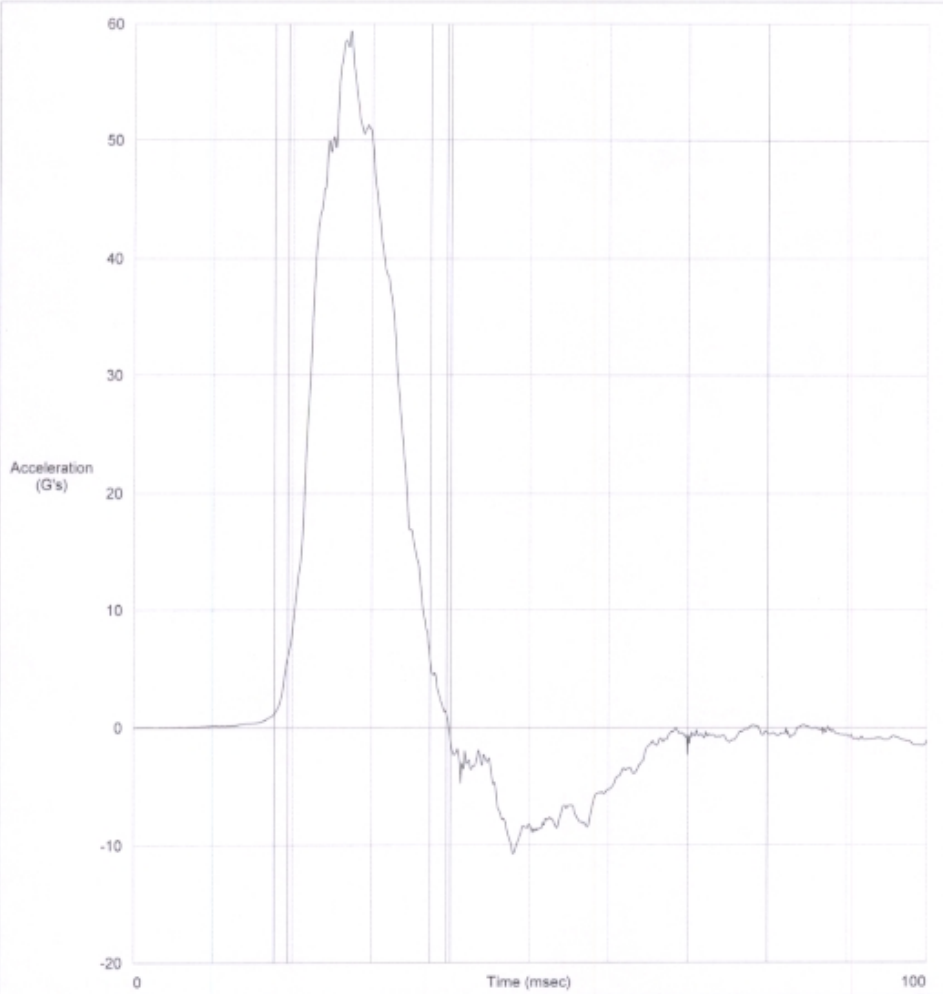
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Nov-16-2000



TEST
PARTNER

Channel Description:
Ch 1 Channel 1

G's	msec	In/S	Filter Hz	Max G's	Min G's
59.39	18.00	248.30	330.00	59.39	-10.71



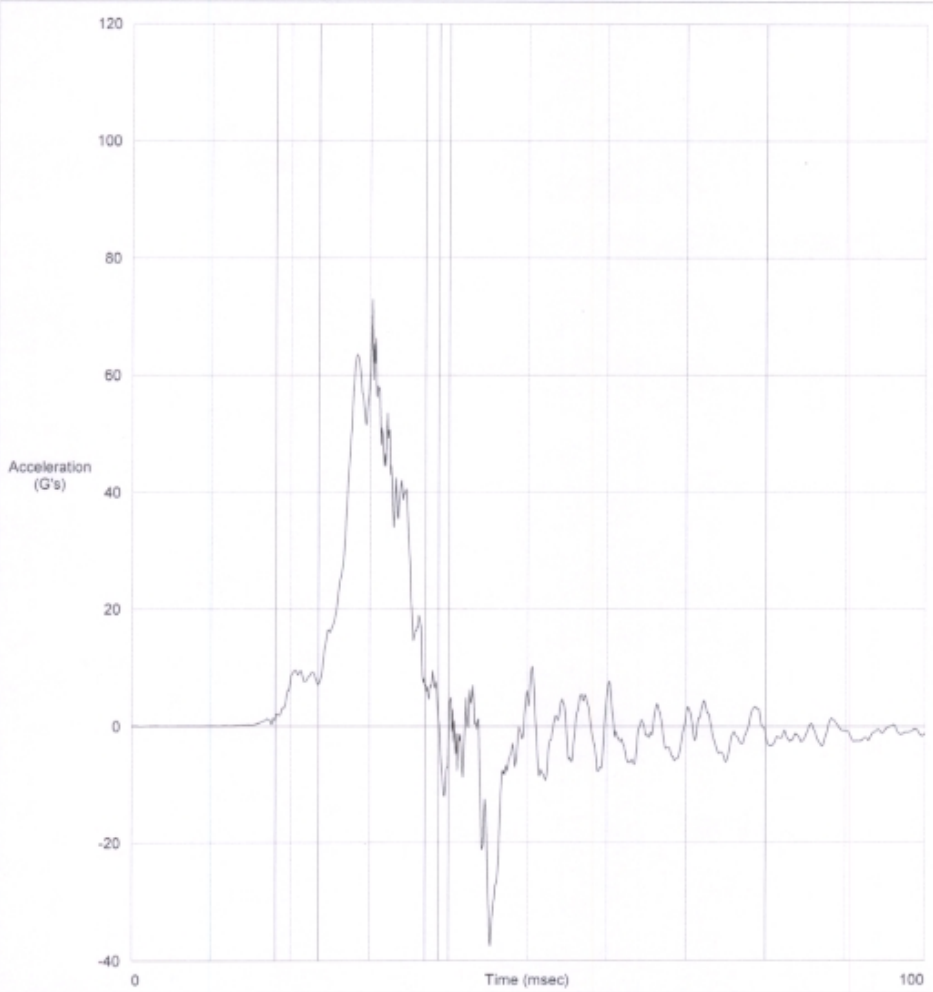
Test ID: ACS-2300
Drop Height: 36 Inch

Remarks:



TEST
PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 3 Channel 3	72.95	13.50	210.27	330.00	72.95	-37.89



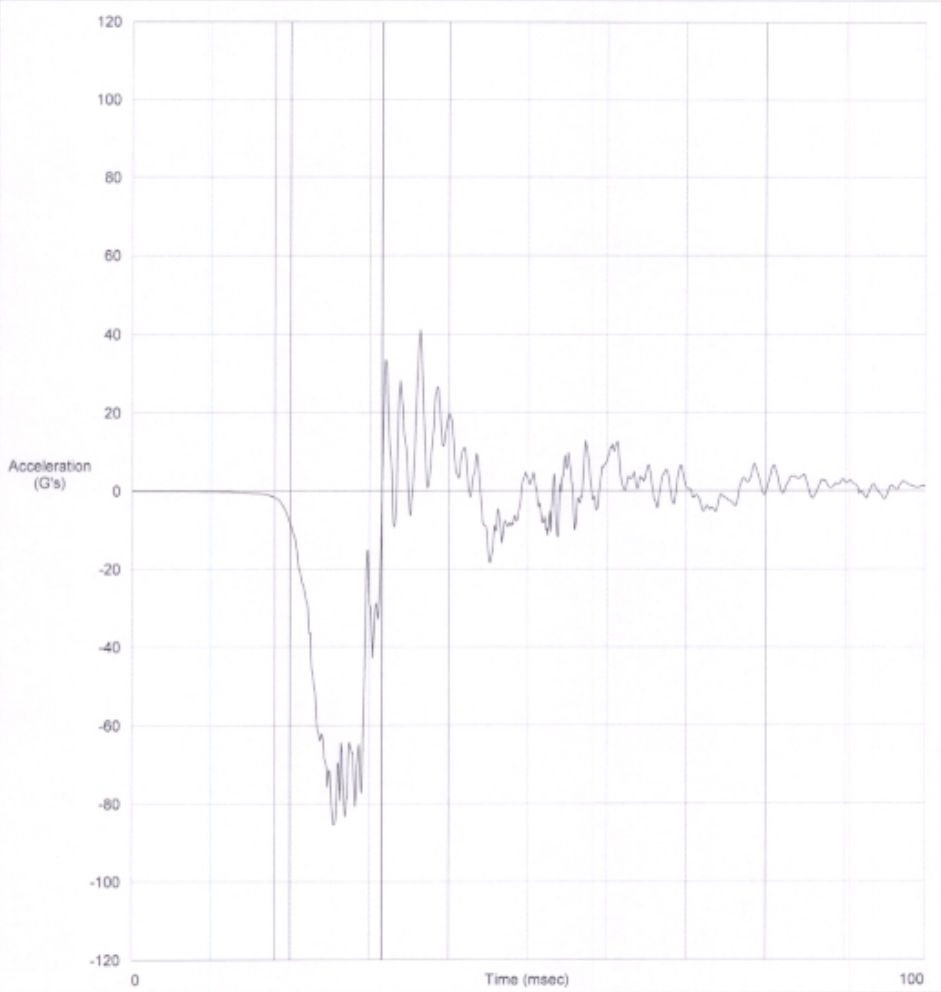
Test ID: ACS-2300
Drop Height: 36 Inch

Remarks:



TEST
PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 3 Channel 3	-85.47	11.60	-229.58	330.00	41.23	-85.47



Test ID: ACS-2300
Drop Height: 36 Inch

Remarks: