

Amazon SIOC Type A

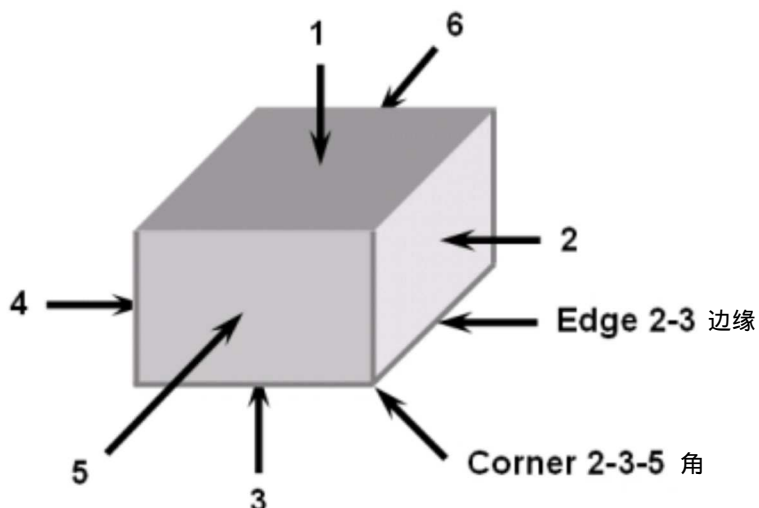
重量小于 50 lb(23 kg)并且周长小于等于 165"(4.19 m)

*Girth周长 = Length (Longest dimension最长尺寸) + 2*Height

高度+ 2*Width 宽度

Type A - Parcel Delivery of Individual Packaged-Products Less Than 50 lb (23 kg) A类-适用于单个包装的运输包裹 - 产品少于50磅 (23KG)

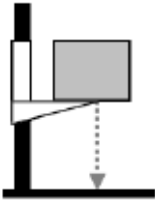
Sequence Number	Test Category	Test Type	Test Level	Remarks
1	Atmospheric Preconditioning TEST BLOCK 1	Temperature and Humidity 温度和湿度	Lab ambient, 12 hours 实验室环境, 12小时	Required 必需项
2	Atmospheric Conditioning TEST BLOCK 1	Controlled Temperature and Humidity 可控温度和湿度	Temperature and humidity chosen from chart 图表中选择温度和湿度	Optional 可选项
3	Shock TEST BLOCK 2	Free-Fall Drop 自由跌落测试	9 Drops - height varies with packaged-product weight 9次, 高度因包装产品的重量而变化	Required 必需项
4	Vibration TEST BLOCK 12	Random With and Without Top Load 有/无负载随机测试	Overall Grms levels of 0.53 and 0.46 GRMS 总体标准为 0.53和0.46	Required 必需项
5	Shock TEST BLOCK 15	Free-Fall Drop 自由跌落测试	8 Drops - height varies with packaged-product weight. Includes drop on hazard 8次, 高度因包装产品的重量而变化.	Required 必需项
6	Shock TEST BLOCK 21	Rotational Edge Drop 旋转边跌落测试	9 in (230 mm) 包括危险品跌落.	Required for Elongated and Flat Packages 长条、扁平包装必需项
7	Shock TEST BLOCK 22	Full Rotational Flat Drop 整体旋转平行跌落测试	Varies with packaged-product dimensions 因包装产品的尺寸而变化	Required for Elongated and Flat Packages 长条、扁平包装必需项
8	Shock TEST BLOCK 23	Bridge Impact 桥式冲击测试	Hazard Box dropped 16 in (400 mm) 危险箱跌落 16in(400mm)	Required for Elongated Packages Only 仅长条包装必需项
9	Shock TEST BLOCK 24	Concentrated Edge Impact 集中冲击测试	Hazard Box dropped 16 in (400 mm) 危险箱跌落 16in(400mm)	Required for Flat Packages Only 仅扁平包装必需项
10	Integrity TEST BLOCK 25	Leak Test 泄露测试	8 hours 8小时	Required for Liquids ONLY 仅液体类必需项



Place the packaged product in its most stable orientation-is generally with one of the largest surface down, and one of the smallest face is directly in front of you.

将包装最大面朝下放置，测试人员正对着包装最小面。

Sequence 3 序列3

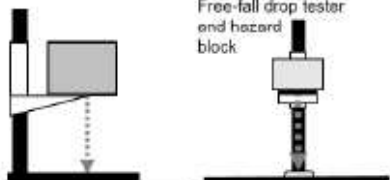
Free-Fall Drop test (1st Part) (自由跌落测试 第一部分) 	跌落高度	方位
	Drop height	Position
	18 in	边 Edge 3-4
	18 in	边 Edge 3-6
	18 in	边 Edge 4-6
	18 in	角 Corner 3-4-6
	18 in	角 Corner 2-3-5
	18 in	边 Edge 2-3
	18 in	边 Edge 1-2
	36 in	面 Face 3
	18 in	面 Face 3

Sequence 4 序列4

Vibration (Random) with load (Max: 300 lbs) (负重随机振动) $\text{Load weight} = (108^{\circ}\text{-H}) \times \text{L} \times \text{W} \times 0.0035$ $\text{Load weight} = (108^{\circ}\text{-W}) \times \text{L} \times \text{H} \times 0.0035$ $\text{Load weight} = (108^{\circ}\text{-L}) \times \text{W} \times \text{H} \times 0.0035$	方向	时长
	Orientation	Time
	面 Face 3	60 minute 分钟
	面 Face 4	30 minute 分钟
	面 Face 6	30 minute 分钟
Vibration (Random) (随机振动) 	Orientation 方向	Time 时长
	面 Face 3	30 minute 分钟

负重
公式

Sequence 5 序列5

Free-Fall Drop test (2nd Part) (自由跌落测试 第二部分)  自由跌落测试仪和危险区 Free-fall drop tester and hazard block	跌落高度	方位
	Drop height	Position
	18 in	边 Edge 3-4
	18 in	边 Edge 3-6
	18 in	边 Edge 1-5
	18 in	角 Corner 3-4-6
	18 in	角 Corner 1-2-6
	18 in	角 Corner 1-4-5
	36 in	the most critical damage 最易受损处
	18 in	Standard: Face 3 on Hazard Elongated or Flat : Face 2 on Hazard

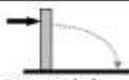
标准包装：面3
长条和扁平包装：面2

Sequence 6 序列6

Rotational Edge Drop (旋转边跌落) (Elongated and Flat Packages only) (长条和扁平包装) 	跌落高度	方位
	Drop height	Position
	9 in	One of the longest face edges
	9 in	Next longest Edge radiating 90° from the edge just tested
	9 in	The opposite edge Tested in sequence 2

取最长面的一边
下一个最长边缘从刚刚测试的边缘90度位置选取
第二项测试边缘的相反边

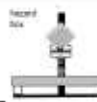
Sequence 7 序列7

Full rotational Drop (全旋转跌落) (Elongated and Flat Packages only) (长条和扁平包装) 	冲击方向	静态方位
	Impact direction	Position for rest
	Face 3 to ground 面3朝向地面	Smallest face at rest
	Face 3 to ground	Second largest face at rest

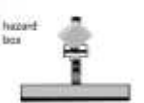
面3朝向地面

最小一面静态
第二大一面静态

Sequence 8 序列8

Bridge Impact (桥式冲击) (Elongated Packages only) (长条包装) 	跌落高度	方位
	Drop height	height
	16"	Mid-center of face 1 面1的正中心位置

Sequence 9 序列9

Concertrated Edge Impact (集中冲击) (Flat Packages only) (扁平包装) 	跌落高度	方位
	Drop height	height
	16"	Mid-center of face 1 面1的正中心位置

Sequence 10 序列10

Leak Testing for liquid (液体产品的泄露测试)	方法	时长
	Method Primary Liquid Container on its Side	Time 8 hours 8小时

液体主体
液体容器侧面