



For more boxes, see [Grainger.com](http://Grainger.com).



## What strength do you need?

Using the chart (at left), find the weight of your shipment to see the box strength that you'll need to support it. You may need to follow a particular set of guidelines depending on your carrier. Both the UPS and Fiber Box Handbook recommendations are represented in the chart.

There are two tests of box strength to consider:

**ECT (Edge Crush Test)** measures the stacking strength of the box. The greater the number, the greater the amount of force required to crush the box during stacking.

**200#** is a rating given to boxes that have received The Mullen Test for bursting strength. These boxes provide greater overall stacking strength than ECT boxes.

**Single Wall**, also known as double face boxes, have walls constructed of a corrugated medium glued between two sheets of linerboard.

**Double Wall** boxes can be used to ship rough-edged items. The walls are constructed of two corrugated mediums glued between three sheets of linerboard.

**Triple Wall** boxes can be used to ship heavy, sharp-edged metal parts. They have walls constructed of three corrugated mediums glued between four sheets of linerboard.

UPS Guidelines	Fiber Box Handbook	Box Type
30-lb.	65-lb.	32 ECT Single Wall
40-lb.	65-lb.	200# Single Wall
50-lb.	95-lb.	44 ECT Single Wall
60-lb.	100-lb.	48 ECT Double Wall
80-lb.	120-lb.	51 ECT Double Wall
—	160-lb.	71 ECT Double Wall
—	280-lb.	90 ECT Triple Wall



## Standard Shipping Boxes

Boxes are made of corrugated cardboard for storing and shipping products. For additional box sizes, see [Grainger.com](http://Grainger.com). **Multi-Height Boxes**—Create multiple heights out of one box.

Inside L x W x H	Box Description	Wall Type	Item No.
<b>4" to 8" Length</b>			
4 x 4 x 4 in	32 ECT - Cube	Single Wall	11K579
4 x 4 x 6 in	32 ECT - Cube	Single Wall	11K580
4 x 4 x 8 in	32 ECT - Tall	Single Wall	11R274
5 x 5 x 5 in	32 ECT - Cube	Single Wall	11K583
6 x 4 x 4 in	32 ECT - Cube	Single Wall	11K584
6 x 6 x 4 in	32 ECT - Cube	Single Wall	11K587
6 x 6 x 6 in	32 ECT - Multi-Height	Single Wall	3AFT1
6 x 6 x 6 in	32 ECT - Cube	Single Wall	11K589
6 x 6 x 6 in	32 ECT - Cube, White	Single Wall	22XL93
6 x 6 x 6 in	48 ECT - Cube, Heavy Duty	Double Wall	55VM15
6 x 6 x 12 in	32 ECT - Tall	Single Wall	11R283
6 x 6 x 36 in	32 ECT - Tall	Single Wall	11R287
6 x 6 x 48 in	32 ECT - Tall	Single Wall	11R290
7 x 7 x 7 in	32 ECT - Cube	Single Wall	11K598
7 x 7 x 12 in	32 ECT - Tall	Single Wall	11R294
8 x 4 x 4 in	32 ECT - Long	Single Wall	11K601
8 x 6 x 4 in	32 ECT - Long	Single Wall	11K604
8 x 6 x 6 in	32 ECT - Long	Single Wall	11K606
8 x 8 x 4 in	32 ECT - Flat	Single Wall	11K609
8 x 8 x 8 in	32 ECT - Multi-Height	Single Wall	55VG30
8 x 8 x 5 in	32 ECT - Cube	Single Wall	11K610
8 x 8 x 6 in	32 ECT - Cube	Single Wall	11K611
8 x 8 x 8 in	32 ECT - Cube	Single Wall	11K613
8 x 8 x 8 in	32 ECT - Cube, White	Single Wall	22XL95
8 x 8 x 8 in	48 ECT - Cube, Heavy Duty	Double Wall	22XM91
8 x 8 x 8 in	48 ECT - Cube, Heavy Duty	Single Wall	22XL96
8 1/2 x 8-1/2 x 12-8 in	32 ECT - Multi-Height	Single Wall	49K015
<b>9" to 11" Length</b>			
9 x 6 x 4 in	32 ECT - Cube	Single Wall	11K616
9 x 8 x 6 in	32 ECT - Cube	Single Wall	11K624
9 x 8 x 8 in	32 ECT - Cube	Single Wall	22XK23
9 x 9 x 4 in	32 ECT - Cube	Single Wall	11K625
9 x 9 x 9 in	32 ECT - Cube	Single Wall	11K630
10 x 6 x 4 in	32 ECT - Cube	Single Wall	11K632
10 x 6 x 6 in	32 ECT - Long	Single Wall	11K634
10 x 7 x 4 in	32 ECT - Cube	Single Wall	11K635
10 x 8 x 4 in	32 ECT - Cube	Single Wall	11R184
10 x 8 x 5 in	32 ECT - Cube	Single Wall	11R185
10 x 8 x 6 in	32 ECT - Cube	Single Wall	11R186
10 x 8 x 8 in	32 ECT - Cube	Single Wall	11R188
10 x 9 x 6 in	32 ECT - Cube	Single Wall	11R189
10 x 10 x 4 in	32 ECT - Cube	Single Wall	11R311
10 x 10 x 6 in	32 ECT - Cube	Single Wall	11R313
10 x 10 x 10 in	32 ECT - Cube	Single Wall	11A675
10 x 10 x 10 in	44 ECT - Cube, Heavy Duty	Single Wall	22XL97
10 x 10 x 10 in	48 ECT - Cube, Heavy Duty	Double Wall	22XL98
10 x 10 x 10 in	200# - Cube	Single Wall	55NM31
10 x 10 x 15 in	32 ECT - Cube	Single Wall	11A677
10 x 10 x 24 in	32 ECT - Tall	Single Wall	11A679
10 x 10 x 48 in	32 ECT - Tall	Single Wall	11A683
11 x 8 x 4 in	32 ECT - Printer	Single Wall	11R193
11 x 8 x 6 in	32 ECT - Printer	Single Wall	11R194

Inside L x W x H	Box Description	Wall Type	Item No.
11 x 9 x 6 in	32 ECT - Cube	Single Wall	22XK31
11 x 11 x 11 in	32 ECT - Cube	Single Wall	11A684
11 x 11 x 11 in	200# - Cube	Single Wall	55NM32
11 1/4 x 8 3/4 x 12-8 in	200# - Multi-Height	Single Wall	55NM34
11 1/4 x 8 3/4 x 12 in	200#	Single Wall	55NM33
<b>12" to 13" Length</b>			
12 x 6 x 4 in	32 ECT - Long	Single Wall	11R198
12 x 6 x 6 in	32 ECT - Long	Single Wall	11R201
12 x 8 x 4 in	32 ECT - Flat	Single Wall	11R204
12 x 8 x 5 in	32 ECT - Flat	Single Wall	11R205
12 x 8 x 6 in	32 ECT - Flat	Single Wall	11R206
12 x 8 x 8 in	32 ECT - Flat	Single Wall	11R208
12 x 10 x 4 in	200#	Single Wall	55NM35
12 x 10 x 6 in	32 ECT - Flat	Single Wall	55VG76
12 x 9 x 6-2 in	200# - Multi-Height	Single Wall	55NM36
12 x 9 x 3 in	32 ECT - Flat	Single Wall	11R209
12 x 9 x 4 in	32 ECT - Flat	Single Wall	11R210
12 x 9 x 5 in	32 ECT - Flat	Single Wall	11R211
12 x 9 x 6 in	32 ECT - Flat	Single Wall	11R212
12 x 9 x 7 in	32 ECT - Flat	Single Wall	11R213
12 x 9 x 10 in	32 ECT - Flat	Single Wall	11R337
12 x 9 x 12 in	32 ECT - Flat	Single Wall	11R338
12 x 10 x 4 in	32 ECT - Flat	Single Wall	11R323
12 x 10 x 5 in	32 ECT - Flat	Single Wall	11R324
12 x 10 x 6 in	32 ECT - Flat	Single Wall	11R325
12 x 10 x 6 in	200#	Single Wall	55NM38
12 x 10 x 8 in	32 ECT - Flat	Single Wall	11R327
12 x 10 x 8 in	200#	Single Wall	55NM39
12 x 10 x 10 in	32 ECT - Flat	Single Wall	11A685
12 x 10 x 10 in	200#	Single Wall	55NM40
12 x 12 x 4 in	32 ECT - Flat	Single Wall	11R330
12 x 12 x 8-4 in	32 ECT - Multi-Height	Single Wall	55NM7
12 x 12 x 6 in	32 ECT - Flat	Single Wall	11R332
12 x 12 x 6 in	Heavy Duty	Double Wall	22XM08
12 x 12 x 6 in	200# - Flat	Single Wall	55NM41
12 x 12 x 12-6 in	32 ECT - Multi-Height	Single Wall	3AFT9
12 x 12 x 12-6 in	200# - Multi-Height	Single Wall	55NM45
12 x 12 x 8 in	32 ECT - Flat	Single Wall	11R334
12 x 12 x 8 in	200#	Single Wall	55NM42
12 x 12 x 9 in	32 ECT - Flat	Single Wall	11R335
12 x 12 x 10 in	32 ECT - Flat	Single Wall	11A687
12 x 12 x 10 in	200#	Single Wall	55NM43
12 x 12 x 12 in	200# - Multi-Height	Single Wall	55NM46
12 x 12 x 12 in	32 ECT - Cube	Single Wall	11A689
12 x 12 x 12 in	44 ECT - Cube, Heavy Duty	Single Wall	22XM04
12 x 12 x 12 in	48 ECT - Cube, Heavy Duty	Double Wall	22XM10
12 x 12 x 12 in	200# - Cube	Single Wall	55NM44
12 x 12 x 14 in	32 ECT - Flat	Single Wall	11A690
12 x 12 x 15 in	32 ECT - Flat	Single Wall	11A691
12 x 12 x 16 in	32 ECT - Flat	Single Wall	11A692
12 x 12 x 30 in	32 ECT - Tall	Single Wall	493T63
12 x 12 x 60 in	32 ECT - Tall	Single Wall	11A701

Inside L x W x H	Box Description	Wall Type	Item No.
12 x 12 x 72 in	32 ECT - Tall	Single Wall	11A702
12 1/4 x 9 1/4 x 12-6 in	200# - Multi-Height	Single Wall	55NM47
12 1/2 x 12 1/2 x 15 in	48 ECT - Heavy Duty	Double Wall	22XM06
13 x 9 x 6 in	32 ECT - Cube	Single Wall	11R217
13 x 11 x 5 in	32 ECT - Cube	Single Wall	11R344
13 x 13 x 2 in	32 ECT - Cube	Single Wall	55VG93
13 x 13 x 13 in	32 ECT - Cube	Single Wall	11A705
13 x 13 x 13 in	48 ECT - Cube, Heavy Duty	Double Wall	22XM12
13 x 13 x 13 in	200# - Cube	Single Wall	55NM48
<b>14" to 16" Length</b>			
14 x 8 x 4 in	32 ECT - Flat	Single Wall	22XK34
14 x 10 x 4 in	32 ECT - Flat	Single Wall	11R353
14 x 10 x 6 in	32 ECT - Flat	Single Wall	11R355
14 x 10 x 6 in	200#	Single Wall	55NM49
14 x 10 x 8 in	32 ECT - Flat	Single Wall	11R356
14 x 10 x 10 in	32 ECT - Flat	Single Wall	11A707
14 x 10 x 10 in	200#	Single Wall	55NM50
14 x 10 x 12 in	32 ECT - Flat	Single Wall	11A708
14 x 11 x 11 in	32 ECT - Flat	Single Wall	22XK92
14 x 12 x 6-2 in	200# - Multi-Height	Single Wall	55NM51
14 x 12 x 8 in	32 ECT - Flat	Single Wall	11R363
14 x 12 x 8 in	200#	Single Wall	55NM52
14 x 12 x 10 in	32 ECT - Flat	Single Wall	11A709
14 x 12 x 12 in	32 ECT - Flat	Single Wall	11A710
14 x 14 x 6 in	32 ECT - Flat	Single Wall	11R366
14 x 14 x 6 in	200# - Flat	Single Wall	55NM53
14 x 14 x 8 in	200#	Single Wall	55NM54
14 x 14 x 10 in	32 ECT - Flat	Single Wall	11A711
14 x 14 x 10 in	200#	Single Wall	55NM55
14 x 14 x 12 in	32 ECT - Flat	Single Wall	11A712
14 x 14 x 12 in	200#	Single Wall	55NM56
14 x 14 x 14 in	32 ECT - Cube	Single Wall	11A713
14 x 14 x 14 in	44 ECT - Cube, Heavy Duty	Single Wall	22XM15
14 x 14 x 14 in	48 ECT - Cube, Heavy Duty	Double Wall	22XM16
14 x 14 x 14 in	200# - Cube	Single Wall	55NM57
15 x 10 x 4 in	32 ECT - Flat	Single Wall	22XK66
15 x 10 x 5 in	32 ECT - Flat	Single Wall	11R370
15 x 10 x 8 in	32 ECT - Flat	Single Wall	11R372
15 x 12 x 4 in	32 ECT - Flat	Single Wall	11R375
15 x 12 x 10 in	32 ECT - Flat	Single Wall	11A725
15 x 12 x 10 in	200#	Single Wall	55NM58
15 x 12 x 12 in	32 ECT - Flat	Single Wall	11A726
15 x 13 x 7 in	32 ECT - Flat	Single Wall	11R378
15 x 15 x 10 in	200#	Single Wall	55NM59
15 x 15 x 12 in	32 ECT - Flat	Single Wall	11A728
15 x 15 x 15 in	32 ECT - Cube	Single Wall	11A729
15 x 15 x 15 in	48 ECT - Cube, Heavy Duty	Double Wall	22XM18
15 x 15 x 15 in	200# - Cube	Single Wall	55NM60
15 x 15 x 24 in	32 ECT - Tall	Single Wall	11A731
16 x 10 x 6 in	32 ECT - Flat	Single Wall	11R384

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