

# BEST PALLET SIZES IN ORDER OF FLOOR SPACE EFFICIENCY IN SHIPPING VANS AND CONTAINERS

**48 ft. Dry Van:** Maximum Weight - 44,000  
Internal Dimensions: Length 570", x Width 98" x Height 110"

PALLET SIZE	% EFFICIENCY	# FLOOR POSITIONS
<b>24 X 40</b>	<b>96.25%</b>	56
<b>48 X 40</b>	<b>96.25%</b>	28
600 X 800	94.58%	71
48 X 42	93.84%	26
1200 X 800	93.24%	35
48 X 45	92.81%	24
45 X 45	87.01%	24
44 X 44	83.18%	24
42 X 42	82.11%	26

**40 ft. Sea Van Container:** Maximum Weight - 40,000  
Internal Dimensions: Length 476" x Width 94" x Height 98"

PALLET SIZE	% EFFICIENCY	# FLOOR POSITIONS
<b>48 x 45</b>	<b>96.55%</b>	20
45 x 45	90.52%	20
24 x 40	90.12%	42
48 x 40	90.12%	21
48 x 42	90.12%	20
600 x 800	88.14%	53
42 x 42	86.74%	22
44 X 44	86.54%	20
1200 x 800	79.82%	24

**53 ft. Dry Van:** Maximum Weight - 44,000  
Internal Dimensions: Length 636" x Width 98" x Height 110"

PALLET SIZE	% EFFICIENCY	# FLOOR POSITIONS
<b>48 X 42</b>	<b>97.04%</b>	30
<b>48 X 45</b>	<b>97.04%</b>	28
600 X 800	95.51%	80
1200 X 800	95.50%	40
24 X 40	95.50%	62
48 X 40	92.42%	30
45 X 45	90.97%	28
44 X 44	86.98%	28
42 X 42	84.91%	30

**20 ft. Steel Reefer hc:** Maximum Weight - 20,000  
Internal Dimensions: Length 204" x Width 90" x Height 101"

PALLET SIZE	% EFFICIENCY	# FLOOR POSITIONS
<b>600 x 800</b>	<b>89.16%</b>	22
24 x 40	88.89%	17
48 x 42	87.85%	8
44 x 44	84.36%	8
48 x 40	83.66%	8
1200 x 800	81.05%	10
42 x 42	76.87%	8
48 x 45	47.06%	4
45 x 45	44.12%	4

**20 ft. Sea Van Container** Maximum Weight: 20,000  
Internal Dimensions: Length 236" x Width 94" x Height 96"

PALLET SIZE	% EFFICIENCY	# FLOOR POSITIONS
<b>45 x 45</b>	<b>91.29%</b>	10
48 x 42	90.88%	10
48 x 45	87.63%	9
44 x 44	87.27%	10
48 x 40	86.55%	10
24 x 40	86.55%	20
600 x 800	83.85%	25
42 x 42	79.52%	10
1200 x 800	73.79%	11

**40 ft. Steel Reefer hc:** Maximum Weight - 44,000  
Internal Dimensions: Length 236" x Width 94" x Height 96"

PALLET SIZE	% EFFICIENCY	# FLOOR POSITIONS
<b>24 x 40</b>	<b>94.67%</b>	41
44 x 44	93.13%	20
600 x 800	93.06%	52
48 x 40	92.36%	20
48 x 42	87.28%	18
1200 x 800	85.90%	24
42 x 42	84.85%	20
48 x 45	51.95%	10
45 x 45	48.70%	10



*Carry on.*