

What Are The Standard Pallet Size Dimensions?

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Pallet sizes still vary considerably between different countries although much progress has been made in terms of standardization and reusability. This was crucial as increased global trade necessitated the need for standard pallet dimensions which are now reflected in the ISO Pallet list below.

ISO Pallet Sizes

Of the many different pallet sizes available, the International Organization for Standardization (ISO) has approved six pallet dimension which are now widely used around the globe.

This information is a good starting point when considering exporting your goods to a different country and don't want to incur the extra expenses and time delays of transferring your goods to local pallets upon arrival. It also enables you to calculate just how many pallet you can fit into a container for shipping.

ISO Pallets

Dimensions mm (WxL)	Dimensions inches (WxL)	Wasted floor, ISO container	Region Most Used In
1016 x 1219	40 x 48	3.7% (20 pallets in 40 ft ISO)	North America
1000 x 1200	39.37 x 47.24	6.7%	Europe, Asia, similar to 40" x 48"
1165 x 1165	45.9 x 45.9	8.1%	Australia
1067 x 1067	42.00 x 42.00	11.5%	North America, Europe, Asia
1100 x 1100	43.30 x 43.30	14%	Asia
800 x 1200	31.50 x 47.24	15.2%	Europe; fits many doorways

North American Pallet Sizes

There are many pallet dimensions used for handling goods within North America. Sizes vary depending on specific needs, industries and materials.

The most popular dimension for both wood and plastic pallets is the 40"x48" footprint which is also one of the six specified ISO Pallet sizes. It is also the size of the GMA (Grocery Manufacturer's Association) sanctioned pallet.

North American Pallets

Dimensions mm (W x L)	Dimensions inches (W x L)	Production Rank	Industries Using
1016 x 1219	40 x 48	1	Grocery, many others
1067 x 1067	42 x 42	3	Telecommunications, Paint
1219 x 1219	48 x 48	3	Drums
1219 x 1016	48 x 40	4	Military, Cement
1219 x 1067	48 x 42	5	Chemical, Beverage
1016 x 1016	40 x 40	6	Dairy
1219 x 1143	48 x 45	7	Automotive
1118 x 1118	44 x 44	8	Drums, Chemical
914 x 914	36 x 36	9	Beverage
1219 x 914	48 x 36	10	Beverage, Shingles, Packaged Paper
889 x 1156	35 x 45.5	Unknown	Military 1/2 ISO container, fits 36" standard doors
1219 x 508	48 x 20	Unknown	Retail

European Pallet Sizes

In Europe many different pallets have emerged over the years as each country developed its own material handling needs.

In recent times, standardization has occurred to a certain extent and we now have a widely used standard European pallet known as the EUR Pallet, Europallet or EPAL Pallet. Its dimensions are 1200mm×800mm (31.50"×47.24") and is one of the six approved ISO Pallet sizes.

European Pallets

EURO pallet type	Dimension (W x L)		ISO Pallet Alternative
EUR, EUR 1	800 mm x 1200 mm	31.50" x 47.24"	ISO1 same size as EUR
EUR 2	1200 mm x 1000 mm	47.24" x 39.37"	ISO2
EUR 3	1000 mm x 1,200 mm	39.37" x 47.24"	
EUR 6	800 mm x 600 mm	31.50" x 23.62"	ISO0, half the size of EUR
	600 mm x 400 mm	23.62" x 15.75"	quarter the size of EUR
	400 mm x 300 mm	15.75" x 11.81"	one-eighth the size of EUR

Asian Pallet Sizes

The two most popular pallet sizes used in Asia are the square 1100mm x 1100mm (43.30" x 43.30") pallet and the 1200mm x 1000mm (39.37" x 47.24") pallet. Both are included in the approved ISO Pallet list.

The 1200mm x 1000mm (39.37" x 47.24") pallet is better suited for export from Asia to Europe and the USA as these dimensions integrate nicely into European and US systems.

Australian Pallet Sizes

The most common pallet size in Australia is 1165mm x 1165mm (45.87" x 45.87"). It is also on the list of approved ISO Pallets.

These dimensions enable two pallets to fit very snugly side by side into the Australian railway RACE container, which is slightly wider than standard ISO containers. Using the Australian pallet in 20' or 40' foot ISO containers will mean a loss of some floor space.