

Container Specification



Maximum gross weights

20' Containers:

up to 32,500 kg (71,650 lbs) for general purpose Containers and up to 45,000 kg (99,207 lbs) for Flatracks.

40' and 45' Containers:

Up to 32,500 kg (71,650 lbs) for general purpose Containers, up to 60,000 kg (123,276 lbs) for Flatracks and 35,000 kg (77,161 lbs) for reefer Containers.

Timber treatment

Exposed timber is treated according to Australian, European, Chinese and American requirements.

Floor loads

A container floor is capable of carrying a forklift truck with a maximum axle load of 5,460 kg (12,037 lbs), if the contact area per wheel is at least 142 cm² (22 in²) (ISO 1496/I), whereas **the steel-floor containers** provide a maximum axle load of 9,200 kg (20,282 lbs), valid for all commonly available forklifts.

The maximum spread load should not exceed:

for 20' containers: 4.8 tons (10,582 lbs) per running meter in length, and 7.6 tons (16,755 lbs) for **steel floor containers** only

for 40' containers: 3 tons per running meter in length, and 6.0 tons (6,614 lbs) for **steel-floor containers** only, load must not exceed maximum payload

The following table gives the overall dimensions and the minimum internal dimensions and door openings for general purpose Containers as standardised in ISO 668:

	Length			Width	Height	
	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft
Dimensions	20' 6,058	40' 12,192	45' 13,716	8' 2,438	8' 6" 2,591	9' 6" 2,896
Minimum internal dimensions	5,898 19' 4 ¹ / ₈ "	12,029 39' 5 ¹ / ₂ "	13,556 44' 5 ⁵ / ₈ "	2,350 7' 8 ¹ / ₂ "	2,350 7' 8 ¹ / ₂ "	2,667 8' 9"
Minimum door opening dimensions				2,337 7' 8"	2,261 7' 5"	2,565 8' 5"

Tolerances internal dimensions

The internal dimensions and door openings of the Containers correspond to ISO standards. However, the dimensions mentioned on the following pages are nominal figures. Because of production tolerances, a difference in measurements is possible:

Tolerances	Length	Width	Height
	mm ft	mm ft	mm ft
Maximum difference	10 3 ³ / ₈ "	10 3 ³ / ₈ "	10 3 ³ / ₈ "

20' General Purpose Container

	Inside dimensions			Door openings		Weights			Capacity
	Length	Width	Height	Width	Height	Max. gross kg lbs	Tare kg lbs	Max. payload kg lbs	m ³ ft ³
8' 6" high									
	mm ft	mm ft	mm ft	mm ft	mm ft		kg lbs	kg lbs	
Wooden floor	5,900	2,352	2,393	2,340	2,292	32,500	2,300	30,200	33.2
Steel container with corrugated walls	19' 4 ¹ / ₄ "	7' 8 ⁵ / ₈ "	7' 10 ¹ / ₄ "	7' 8 ¹ / ₈ "	7' 6 ¹ / ₄ "	71,650	5,071	66,579	1,172
			2,395 7' 10 ¹ / ₄ "				2,350 5,181	30,150 66,469	
	5,898 19' 4 ¹ / ₈ "		2,393 7' 10 ¹ / ₄ "		2,280 7' 5 ³ / ₄ "	30,480 67,196	2,300 5,071	28,180 62,126	33.0 1,165

	Inside dimensions			Door openings		Weights			Capacity
	Length	Width	Height	Width	Height	Max. gross kg lbs	Tare kg lbs	Max. payload kg lbs	m ³ ft ³
8' 6" high									
	mm ft	mm ft	mm ft	mm ft	mm ft		kg lbs	kg lbs	
Steel floor	5,900	2,352	2,393	2,340	2,292	32,500	2,250	30,250	33.2
Steel container with corrugated walls	19' 4 ¹ / ₄ "	7' 8 ⁵ / ₈ "	7' 10 ¹ / ₄ "	7' 8 ¹ / ₈ "	7' 6 ¹ / ₄ "	71,650	4,960	66,690	1,172
			2,395 7' 10 ¹ / ₄ "				2,570 5,666	29,930 65,984	
							2,300 5,071	30,200 66,579	

40' General Purpose Container

	Inside dimensions			Door openings		Weights			Capacity
	Length	Width	Height	Width	Height	Max. gross	Tare	Max. payload	
8' 6" high	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs	kg lbs	kg lbs	m ³ ft ³
Wooden floor Steel container with corrugated walls	12,032	2,352	2,395	2,340	2,292	32,500	3,700	28,800	67.7
	39' 5 ⁵ / ₈ "	7' 8 ⁵ / ₈ "	7' 10 ¹ / ₄ "	7' 8 ¹ / ₈ "	7' 6 ¹ / ₄ "	71,650	8,157	63,493	2,391
							3,750	28,750	
							8,267	63,383	
	12,029	2,350	2,392			30,480	3,780	26,700	
	39' 5 ¹ / ₂ "	7' 8 ¹ / ₂ "	7' 10 ¹ / ₈ "			67,196	8,333	58,863	

40' High Cube General Purpose Container

	Inside dimensions			Door openings		Weights			Capacity
	Length	Width	Height	Width	Height	Max. gross	Tare	Max. payload	
9' 6" high	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs	kg lbs	kg lbs	m ³ ft ³
Wooden floor Steel container with corrugated walls	12,032	2,432	2,700	2,340	2,597	32,500	3,850	28,650	76.3
	39' 5 ⁵ / ₈ "	7' 11 ³ / ₄ "	8' 10 ¹ / ₄ "	7' 8 ¹ / ₈ "	8' 6 ¹ / ₄ "	71,650	8,488	63,162	2,695
		2,352						7' 8 ⁵ / ₈ "	
		2,342						7' 8 ¹ / ₈ "	8,598

	Inside dimensions			Door openings		Weights			Capacity		
	Length	Width	Height	Width	Height	Max. gross	Tare	Max. payload			
9' 6" high	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs	kg lbs	kg lbs	m ³ ft ³		
Steel floor Steel container with corrugated walls	12,032	2,352	2,700	2,340	2,597	32,500	4,300	28,200	76.4		
	39' 5 ⁵ / ₈ "	7' 8 ⁵ / ₈ "	8' 10 ¹ / ₄ "	7' 8 ¹ / ₈ "	8' 6 ¹ / ₄ "	71,650	9,480	62,170	2,698		
		2,342						7' 8 ¹ / ₈ "		3,950	28,550
									8,708	63,603	2,695
									3,830	28,670	
								8,444	63,206		

45' High Cube General Purpose Container

	Inside dimensions			Door openings		Weights			Capacity
	Length	Width	Height	Width	Height	Max. gross	Tare	Max. payload	
9' 6" high	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs	kg lbs	kg lbs	m ³ ft ³
Wooden floor Steel container with corrugated walls	13,556	2,352	2,700	2,340	2,597	32,500	4,700	27,800	86.0
	44' 5 ⁵ / ₈ "	7' 8 ⁵ / ₈ "	8' 10 ¹ / ₄ "	7' 8 ¹ / ₈ "	8' 6 ¹ / ₄ "	71,650	10,362	61,288	3,037
						32,500	5,050	27,450	86.0
					71,650	11,133	60,517	3,037	