

## Unit Conversion Reference Table

### Packaging Units

Base Unit	Alternative Unit	Conversion Rate	Notes
unit	box	1:24	Standard retail packaging
unit	case	1:48	Wholesale case quantity
unit	pallet	1:2400	Full pallet load (100 cases)
unit	container	1:57600	Standard shipping container (24 pallets)

### Weight-Based Units

Base Unit	Alternative Unit	Conversion Rate	Notes
gram	kilogram	1000:1	Metric weight
gram	pound	453.592:1	Imperial weight
gram	ounce	28.3495:1	Small quantity measure

### Volume-Based Units

Base Unit	Alternative Unit	Conversion Rate	Notes
milliliter	liter	1000:1	Metric volume
milliliter	gallon	3785.41:1	US liquid gallon
milliliter	fluid ounce	29.5735:1	US fluid measure

## Dimension-Based Units

Base Unit	Alternative Unit	Conversion Rate	Notes
centimeter	meter	100:1	Metric length
centimeter	inch	2.54:1	Imperial length
centimeter	foot	30.48:1	Imperial length

## Industry-Specific Units

Base Unit	Alternative Unit	Conversion Rate	Industry	Notes
unit	drum	1:200	Chemical	Standard chemical drum
unit	tote	1:1000	Chemical	IBC tote container
unit	bundle	1:50	Paper	Standard paper bundle
unit	roll	1:100	Textile	Fabric roll