

The table column titled "Level/Category" identifies the normative or informative relevance of the unit:

level 1 – normative = SI normative units, standard and commonly used multiples

level 2 – normative equivalent = SI normative equivalent units (UK, US, etc.) and commonly used multiples

level 3 – informative = Units of count and other units of measure (invariably with no comprehensive conversion factor to SI)

The code elements for units of packaging are specified in UN/ECE Recommendation No. 21 (Codes for types of cargo, packages and packaging materials). See note at the end of this Annex).

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common Code
D	15 °C calorie	2	cal ₁₅	4,185 5 J	A1
+	8-part cloud cover A unit of count defining the number of eighth-parts as a measure of the celestial dome cloud coverage.	3.9			A59
	access line A unit of count defining the number of telephone access lines.	3.5			AL
	acre	2	acre	4 046,856 m ²	ACR
+	active unit A unit of count defining the number of active units within a substance.	3.9			E25
+	activity A unit of count defining the number of activities (activity: a unit of work or action).	3.2			ACT
X	actual ton	3.1			26
	additional minute A unit of time defining the number of minutes in addition to the referenced minutes.	3.5			AH
	air dry metric ton A unit of count defining the number of metric tons of a product, disregarding the water content of the product.	3.1			MD
+	air dry ton A unit of mass defining the number of tons of a product, disregarding the water content of the product.	3.1			E28
	alcoholic strength by mass A unit of mass defining the alcoholic strength of a liquid.	3.5			ASM
	alcoholic strength by volume A unit of volume defining the alcoholic strength of a liquid (e.g. spirit, wine, beer, etc), often at a specific temperature.	3.5			ASU

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	aluminium pound only	3.1			AP
	ampere	1	A	A	AMP
	ampere hour A unit of power defining the rate of energy transferred or consumed when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor.	1M	A·h	$3,6 \times 10^3$ C	AMH
	ampere per centimetre	1S	A/cm	10^2 A/m	A2
	ampere per metre	1	A/m	A/m	AE
	ampere per millimetre	1S	A/mm	10^3 A/m	A3
	ampere per square centimetre	1S	A/cm ²	10^4 A/m ²	A4
	ampere per square metre	1	A/m ²	A/m ²	A41
	ampere per square metre kelvin squared	1	A/(m ² ·K ²)	A/(m ² × K ²)	A6
	ampere per square millimetre	1S	A/mm ²	10^6 A/m ²	A7
	ampere second	1	A·s	C	A8
	ampere square metre	1	A·m ²	A × m ²	A5
	ampere square metre per joule second	1	A·m ² /(J·s)	(A × s)/kg	A10
X	ampere tum per centimetre	3.9			73
X	ampoule Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			AM
	angstrom	1	Å	10^{-10} m	A11
	anti-hemophilic factor (AHF) unit A unit of measure for blood potency (US).	3.9			AQ
	are	1	a	10^2 m ²	ARE
	assembly A unit of count defining the number of assemblies (assembly: items that consist of component parts).	3.9			AY
	assortment A unit of count defining the number of assortments (assortment: set of items grouped in a mixed collection).	3.9			AS
	astronomical unit	1	AU	$1,495\,978\,70 \times 10^{11}$ m	A12
	attojoule	1S	aj	10^{-18} J	A13

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	average minute per call A unit of count defining the number of minutes for the average interval of a call.	3.5			AI
X	bag Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BG
X	bale Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BL
	ball A unit of count defining the number of balls (ball: object formed in the shape of sphere).	3.9			AA
X	band	3.9			D92
X	bar [unit of packaging] Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BR
#	bar [unit of pressure]	1	bar	10^5 Pa	BAR
X	barge	3.4			NB
	barn	1	b	10^{-28} m ²	A14
	barn per electron volt	1	b/eV	$6,241\ 46 \times 10^{-30}$ m ² /J	A15
	barn per steradian	1	b/sr	$1,256\ 64 \times 10^{-27}$ m ²	A17
	barn per steradian electronvolt	1	b/(sr·eV)	$6,241\ 46 \times 10^{-30}$ m ² /(sr x J)	A16
#	barrel (US)	2	barrel (US)	$158,987\ 3 \times 10^{-3}$ m ³	BLL
	barrel (US) per day	3.5	barrel (US/d)	$1,840\ 13 \times 10^{-6}$ m ³ /s	B1
#	barrel (US) per minute	2	barrel (US)/min	$2,649\ 79 \times 10^{-3}$ m ³ /s	5A
	barrel, imperial A unit of volume used to measure liquids such as beer or wine. One barrel equals 36 imperial gallons.	3.5			B4
	base box A unit of area of 112 sheets of tin mil products (tin plate, tin free steel or black plate) 14 by 20 inches, or 31,360 square inches.	3.5			BB
X	base weight	3.9			BW
X	basket Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BK
	batch A unit of count defining the number of batches (batch: quantity of material produced in one operation or number of animals or persons coming at once).	3.9			5B

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	batt	3.9			B9
	batting pound A unit of mass defining the number of pounds of wadded fibre.	3.1			B3
X	beam	3.3			D79
	becquerel	1	Bq	$27,027 \times 10^{-12}$ Ci	BQL
	becquerel per kilogram	1	Bq/kg	$27,027 \times 10^{-12}$ Ci/kg	A18
	becquerel per metre cubed	1	Bq/m ³	$27,027 \times 10^{-12}$ Ci/m ³	A19
X	belt	3.9			E2
X	billet	3.9			B5
	billion (EUR)	3.7		10 ¹²	BIL
	billion (US)	3.7		10 ⁹	MLD
X	bin Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			2W
+	bit A unit of information equal to one binary digit.	3.6	bit		A99
+	bit per second A unit of information equal to one binary digit per second.	3.6	bit/s		B10
X	block	3.9			D64
X	board Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BD
	board foot A unit of volume defining the number of cords (cord: a stack of firewood of 128 cubic feet).	3.5	fbm		BFT
X	bobbin Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			4A
X	bolt Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BT
	book A unit of count defining the number of books (book: set of items bound together or written document of a material whole).	3.9			D63
X	bottle Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BO

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	box Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BX
	brake horse power	2	BHP	245,7 W	BHP
	British thermal unit	2	Btu	1 055,056 J	BTU
	British thermal unit per hour	2	Btu/h	0,293 071 1 N	2I
	British thermal unit per hour square foot degree Rankin	2	Btu/(h·ft ² ·°R)	5,678 26 W/(m ² x K)	A23
	British thermal unit per pound	2	Btu/lb	2 326 J/kg	AZ
	British thermal unit per pound degree Rankin	2	Btu/(lb·°R)	4 186,8 J/(kg x K)	A21
	British thermal unit per second foot degree Rankin	2	Btu/(s·ft·°R)	6 230,64 W/(m x K)	A22
	British thermal unit per second square foot degree Rankin	2	Btu/(s·ft ² ·°R)	20 441,7 W/(m ² x K)	A20
X	brush	3.9			BH
X	Btu per cubic foot	3.9	BTU/ft ³		B0
X	bucket Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BJ
X	bulk Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			VQ
X	bulk car load	3.4			48
	bulk pack A unit of count defining the number of items per bulk pack.	3.9	pk		AB
X	bun	3.9			B6
X	bundle Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			BE
X	bunk	3.9			B2
	bushel (UK)	2	bushel (UK)	3,636 872 x 10 ⁻² m ³	BUI
	bushel (US)	2	bu (US)	3,523 907 x 10 ⁻² m ³	BUA
	byte A unit of information equal to 8 bits.	3.6	B		AD
X	caboose count	3.5			1D
X	caboose mile	3.5			1H

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	cake A unit of count defining the number of cakes (cake: object shaped into a flat, compact mass).	3.9			KA
#	call A unit of count defining the number of calls (call: communication session or visitation).	3.5			C0
D	calorie	3.5	cal	4,186 8 J	R4
X	calorie per cubic centimetre	3.9			92
D	calorie per gram	3.5	cal/g	4,186 8 x 10 ³ J /kg	93
X	can Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			CA
	candela	1	cd	cd	CDL
	candela per square metre	1	cd/m ²	cd/m ²	A24
X	cap	3.9			4B
X	capsule Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			AV
X	car	3.5			NC
X	car count	3.5			1B
X	car mile	3.5			1A
X	carboy Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			CO
	card A unit of count defining the number of units of card (card: thick stiff paper or cardboard).	3.9			CG
X	carload	3.5			C4
	carrying capacity in metric ton A unit of mass defining the carrying capacity, expressed as the number of metric tons.	3.4			CCT
X	carset	3.5			C2
X	carton Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			CT
X	cartridge Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.9			CQ
X	case Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			CS

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	cask Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			Z3
X	cassette	3.9			D66
X	catch weight	3.9			31
X	cell	3.9			C6
	cental (UK) A unit of mass equal to one hundred weight (US).	3.5		45,359 237 kg	CNT
	centigram	1M	cg	10^{-5} kg	CGM
	centilitre	1S	cl	10^{-5} m ³	CLT
	centimetre	1S	cm	10^{-2} m	CMT
	centimetre	3.5	cm	10^{-2} m	CMT
	centimetre per second	1S	cm/s	10^{-2} m/s	2M
	centipoise	2	cP	10^{-3} Pa x s	C7
	centistokes	2	cSt	10^{-6} m ² /s	4C
	centner, metric 100 kg A metric unit of mass equal to 100 kilograms.	3.5	dt or dtn	10 ² kg	DTN
	chain	2	ch	20,116 8 m	X1
X	chest Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			Z2
D	cheval vapeur	2	CV	$7,354\ 988 \times 10^2$ W	A25
X	coil Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			CL
	coil group A unit of count defining the number of coil groups (coil group: groups of items arranged by lengths of those items placed in a joined sequence of concentric circles).	3.9			C9
X	column inch	3.9			II
X	combo	3.9			CZ
X	composite product pound (total weight)	3.9			C1
X	cone Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.9			CJ

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	conference point	3.5			Z6
X	connector	3.9			CK
X	container Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.4			CH
+	content gram A unit of mass defining the number of grams of a named item in a product.	3.1			CTG
+	content ton (metric) A unit of mass defining the number of metric tons of a named item in a product.	3.1			CTN
D	conventional millimetre of mercury	2	mm Hg	133,322 4 Pa	HN
D	conventional millimetre of water	2	mm H ₂ O	9,806 65 Pa	HP
X	cop	3.9			AJ
	cord A unit of volume used for measuring lumber. One board foot equals 1/12 of a cubic foot.	3.5		3,63 m ³	WCD
X	cost	3.9			C5
	coulomb	1	C	A x s	COU
	coulomb metre	1	C·m	A x s x m	A26
	coulomb metre squared per volt	1	C·m ² /V	A ² x s ² /kg	A27
	coulomb per cubic centimetre	1S	C/cm ³	10 ⁶ A x s/m ³	A28
	coulomb per cubic metre	1	C/m ³	A x s/m ³	A29
	coulomb per cubic millimetre	1S	C/mm ³	10 ⁹ A x s/m ³	A30
	coulomb per kilogram	1	C/kg	A x s/kg	CKG
	coulomb per kilogram second	1	C/(kg·s)	A/kg	A31
	coulomb per mole	1	C/mol	A x s/mol	A32
	coulomb per square centimetre	1S	C/cm ²	10 ⁴ A x s/m ²	A33
	coulomb per square metre	1	C/m ²	A x s/m ²	A34
	coulomb per square millimetre	1S	C/mm ²	10 ⁶ A x s/m ²	A35
X	count per centimetre	3.9			IT
X	count per inch	3.9			IC
X	count per minute	3.9			5K

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	cover Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			CV
X	crate Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			CR
+	credit A unit of count defining the number of entries made to the credit side of an account.	3.9			B17
	cubic centimetre	1S	cm ³	10 ⁻² m ³	CMQ
	cubic centimetre per mole	1S	cm ³ /mol	10 ⁻⁶ m ³ /mole	A36
	cubic centimetre per second	1S	cm ³ /s	10 ⁻⁶ m ³ /s	2J
	cubic decimetre	1S	dm ³	10 ⁻³ m ³	DMQ
	cubic decimetre per mole	1S	dm ³ /mol	10 ⁻³ m ³ /mol	A37
	cubic feet per minute per square foot	1M	ft ³ /(min/ft ²)	5,079 999 535 x 10 ⁻³ m ³ /s/m ²	36
	cubic foot	2	ft ³	2,831 685 x 10 ⁻² m ³	FTQ
	cubic foot per hour	2	ft ³ /h	7,865 79 x 10 ⁻⁶ m ³ /s	2K
	cubic foot per minute	2	ft ³ /min	4,719 474 x 10 ⁻⁴ m ³ /s	2L
+	cubic foot per second A unit of volume equal to one cubic foot passing a given point in a period of one second.	3.1	ft ³ /s	2,831 685 x 10 ⁻² m ³ /s	E17
	cubic inch	2	in ³	16,387 064 x 10 ⁻⁶ m ³	INQ
	cubic metre	1	m ³	m ³	MTQ
X	cubic metre (net)	3.1			D90
	cubic metre per coulomb	1	m ³ /C	m ³ /A x s	A38
	cubic metre per hour	1M	m ³ /h	2,777 78 x 10 ⁻⁴ m ³ /s	MQH
	cubic metre per kilogram	1	m ³ /kg	m ³ /kg	A39
	cubic metre per mole	1	m ³ /mol	m ³ /mol	A40
	cubic metre per second	1	m ³ /s	m ³ /s	MQS
	cubic millimetre	1S	mm ³	10 ⁻³ m ³	MMQ
	cubic yard	2	yd ³	0,764 555 m ³	YDQ
X	cup Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			CU

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	curie	2	Ci	$3,7 \times 10^{10}$ Bq	CUR
	curie per kilogram	2	Ci/kg	$3,7 \times 10^{10}$ Bq/kg	A42
X	curl unit	3.9			94
	cycle A unit of count defining the number of cycles (cycle: a recurrent period of definite duration).	3.9			B7
X	cylinder Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			CY
X	data record	3.6			DQ
	day	1	d	86 400 s	DAY
	deadweight tonnage A unit of mass defining the difference between the weight of a ship when completely empty and its weight when completely loaded, expressed as the number of tons.	3.4	dwt		A43
X	deal	3.9			DE
	decade A unit of count defining the number of decades (decade: quantity equal to 10 or time equal to 10 years).	3.8			DEC
	decagram	1M	dag	10^{-2} kg	DJ
	decalitre	1M	dal	10^{-2} m ³	A44
	decametre	1M	dam	10 m	A45
	decare	1M	daa	10^3 m ²	DAA
	decibel	1	dB	0,115 129 3 Np	2N
	decigram	1M	dg	10^{-4} kg	DG
	decilitre	1M	dl	10^{-4} m ³	DLT
	decilitre per gram	1M	dl/g	m ³ /10 ⁻¹ kg	22
	decimetre	1M	dm	10^{-1} m	DMT
	decinewton metre	1S	dN·m	10^{-1} N x m	DN
	decitex A unit of yarn density. One decitex equals a mass of 1 gram per 10 kilometres of length.	3.5	dtex (g/10km)		A47
	decitonne	1M	dt or dtn	10^2 kg	DTN
	degree	1	°	0,017 453 29 rad	DD

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
#	degree [unit of angle]	1		1,745 329 x 10 ⁻² rad	DD
	degree Celsius	1	°C	°C	CEL
	degree days A unit of measure used in meteorology and engineering to measure the demand for heating or cooling over a given period of days.	3.5	deg da		E10
	degree Fahrenheit	2	°F	9/5(°C) + 32°	FAH
+	degree Plato A unit of proportion defining the sugar content of a product, especially in relation to beer.	3.5	°P		PLA
	degree Rankin	2	°R	5/9 K	A48
	denier A unit of yarn density. One denier equals a mass of 1 gram per 9 kilometres of length.	3.5	den (g/9 km)		A49
+	digit A unit of information defining the quantity of numerals used to form a number.	3.7			B19
X	directory book	3.9			DY
X	disk (disc)	3.9			DC
X	dispenser	3.3			DI
	displacement tonnage A unit of mass defining the volume of sea water a ship displaces, expressed as the number of tons.	3.4			DPT
X	display	3.9			DS
X	dollar per hour	3.9			D67
+	dose A unit of count defining the number of doses (dose: a definite quantity of a medicine or drug).	3.9			E27
+	dots per inch A unit of information defining the number of dots per linear inch as a measure of the resolution or sharpness of a graphic image.	3.6	dpi		E39
	dozen A unit of count defining the number of units in multiples of 12.	3.7	DOZ	12	DZN
	dozen pack A unit of count defining the number of packs in multiples of 12 (pack: standard packaging unit).	3.2			DZP
	dozen pair A unit of count defining the number of pairs in multiples of 12 (pair: item described by two's).	3.2			DPR

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	dozen piece A unit of count defining the number of pieces in multiples of 12 (piece: an individual part of a larger whole).	3.2			DPC
	dozen roll A unit of count defining the number of rolls, expressed in twelve roll units.	3.2			DRL
	drachm (UK)	3.5		3,887 935 g	DRM
X	draize score	3.7			D8
	dram (UK)	3.5		1,771 745 g	DRI
	dram (US)	3.5		3,887 935 g	DRA
X	drum Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			DR
	dry barrel (US)	2	bbl (US)	$1,156\ 27 \times 10^{-3} \text{ m}^3$	BLD
	dry gallon (US)	2	dry gal (US)	$4,404\ 884 \times 10^{-3} \text{ m}^3$	GLD
	dry pint (US)	2	dry pt (US)	$5,506\ 105 \times 10^{-4} \text{ m}^3$	PTD
	dry pound A unit of mass defining the number of pounds of a product, disregarding the water content of the product.	3.1			DB
	dry quart (US)	2	dry qt (US)	$1,101\ 221 \times 10^{-3} \text{ m}^3$	QTD
	dry ton A unit of mass defining the number of tons of a product, disregarding the water content of the product.	3.1			DT
D	dyne	2	dyn	10^{-5} N	DU
D	dyne per centimetre	2	dyn/cm	10^{-3} N/m	DX
D	dyne per square centimetre	3.9	dyn/cm ²	10^{-1} Pa	D9
D	dyne second per centimetre	2	dyn·s/cm	$10^{-3} \text{ N} \times \text{s/m}$	A51
D	dyne second per centimetre to the fifth power	2	dyn·s/cm ⁵	$10^5 \text{ Pa} \times \text{s/m}^3$	A52
D	dyne second per cubic centimetre	2	dyn·s/cm ³	$10 \text{ Pa} \times \text{s/m}$	A50
	each A unit of count defining the number of items regarded as separate units.	3.2			EA
X	each per month	3.9			EC

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	eight pack	3.2			P8
	electronic mail box A unit of count defining the number of electronic mail boxes.	3.9			EB
	electronvolt	1	eV	1,602 177 33 x10 ⁻¹⁹ J	A53
	electronvolt per metre	1	eV/m	1,602 177 33 x10 ⁻¹⁹ J /m	A54
	electronvolt square metre	1	eV·m ²	1,602 177 33 x10 ⁻¹⁹ J x m ²	A55
	electronvolt square metre per kilogram	1	eV·m ² /kg	1,602 177 33 x10 ⁻¹⁹ J x m ² /kg	A56
X	eleven pack	3.2			EP
X	empty car	3.5			1E
X	envelope Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.9			EV
	equivalent gallon A unit of volume defining the number of gallons of product produced from concentrate.	3.1			EQ
D	erg	2	erg	10 ⁻⁷ J	A57
D	erg per centimetre	2	erg/cm	10 ⁻⁶ J /m	A58
D	erg per cubic centimetre	2	erg/cm ³	10 ⁻¹ J /m ³	A60
D	erg per gram	2	erg/g	10 ⁻⁴ J /kg	A61
D	erg per gram second	2	erg/g·s	10 ⁻⁴ W/kg	A62
D	erg per second	2	erg/s	10 ⁻⁷ W	A63
D	erg per second square centimetre	2	erg/(s·cm ²)	10 ⁻³ W/m ²	A64
D	erg per square centimetre second	2	erg/(cm ² ·s)	10 ⁻³ W/m ²	A65
D	erg square centimetre	2	erg·cm ²	10 ⁻¹¹ J x m ²	A66
D	erg square centimetre per gram	2	erg·cm ² /g	10 ⁻⁸ J x m ² /kg	A67
	exajoule	1S	EJ	10 ¹⁸ J	A68
X	failure rate in time	3.9			63
	farad	1	F	kg ⁻¹ x m ⁻² x s ⁴ x A ²	FAR
	farad per metre	1	F/m	kg ⁻¹ x m ⁻³ x s ⁴ x A ²	A69
	fathom	2	fth	1,828 8 m	AK

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	femtojoule	1S	fj	10^{-15} J	A70
	femtometre	1S	fm	10^{-15} m	A71
+	fibre metre A unit of length defining the number of metres of individual fibre.	3.1			FBM
X	fibre per cubic centimetre of air	3.9			F9
X	field	3.9			FB
X	fifteen kg drum	3.3			98
X	fifty lb bag	3.3			47
X	fifty lb bulk bag	3.3			46
X	fiftyfive gallon (US) drum	3.3			18
	five pack A unit of count defining the number of five-packs (five-pack: set of five items packaged together).	3.2			P5
X	fivehundred kg bulk bag	3.3			44
	fixed rate A unit of quantity expressed as a predetermined or set rate for usage of a facility or service.	3.9			1I
	flake ton A unit of mass defining the number of tons of a flaked substance (flake: a small flattish fragment).	3.1			FL
	fluid ounce (UK)	2	fl oz (UK)	$2,841\,306 \times 10^{-5}$ m ³	OZI
	fluid ounce (US)	2	fl oz (US)	$2,957\,353 \times 10^{-5}$ m ³	OZA
	foot	2	ft	0,304 8 m	FOT
	foot per minute	2	ft/min	$5,08 \times 10^{-3}$ m/s	FR
	foot per second	2	ft/s	0,304 8 m/s	FS
	foot per second squared	2	ft/s ²	0,304 8 m/s ²	A73
+	foot per thousand A unit of count defining the number of feet per thousand units.	3.1		$3,048 \text{ m}^{-3}/1000$	E33
	foot pound-force	2	ft·lbf	1,355 818 J	85
	foot pound-force per second	2	ft·lbf/s	1,355 818 W	A74
	foot squared per second	2	ft ² /s	0,092 903 04 m ² /s	S3

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	forty foot container A unit of count defining the number of shipping containers that measure 40 feet in length.	3.4			21
X	four pack	3.2			P4
	freight ton A unit of information typically used for billing purposes, defined as either the number of metric tons or the number of cubic metres, whichever is the larger.	3.4			A75
X	fuel usage gallon (US)	3.5			1G
X	gage system	3.9			GZ
	gal	1S	Gal	$10^{-2} \text{ m}^3/\text{s}^2$	A76
	gallon (UK)	2	gal (UK)	$4,546\,092 \times 10^{-3} \text{ m}^3$	GLI
	gallon (US)	2	gal (US)	$3,785\,412 \times 10^{-3} \text{ m}^3$	GLL
	gallon (US) per day	3.5	gal (US/d)	$4,381\,264 \times 10^{-6} \text{ m}^3/\text{s}$	GB
X	gallon per thousand cubic feet	3.5			GW
X	gallon(US) per thousand	3.9			5C
D	gauss	3.5	Gs	10^{-4} T	76
D	Gaussian CGS unit of displacement	3.5			A77
D	Gaussian CGS unit of electric current	3.5			A78
D	Gaussian CGS unit of electric charge	3.5			A79
D	Gaussian CGS unit of electric field strength	3.5			A80
D	Gaussian CGS unit of electric polarization	3.5			A81
D	Gaussian CGS unit of electric potential	3.5			A82
D	Gaussian CGS unit of magnetization	3.5			A83
+	gibibit A unit of information equal to 2^{30} bits (binary digits).	3.6	Gibit		B30
	gigabecquerel	1M	GBq	10^9 Bq	GBQ
+	gigabit A unit of information equal to 10^9 bits (binary digits).	3.6	Gbit		B68
+	gigabit per second	3.6	Gbit/s		B80

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	A unit of information equal to 10 ⁹ bits (binary digits) per second.				
+	gigabyte A unit of information equal to 10 ⁹ bytes.	3.6	GB		E34
D	gigacalorie A unit of heat energy equal to one thousand million calories.	3.5		10 ⁹ cal	E11
	gigacoulomb per cubic metre	1S	GC/m ³	10 ⁹ C/m ³	A84
	gigaelectronvolt	1S	GeV	10 ⁹ eV	A85
	gigahertz	1S	GHz	10 ⁹ Hz	A86
	gigajoule	1S	GJ	10 ⁹ J	GV
	gigaohm	1S	GΩ	10 ⁹ Ω	A87
	gigaohm metre	1S	GΩ·m	10 ⁹ Ω x m	A88
	gigapascal	1S	GPa	10 ⁹ Pa	A89
	gigawatt	1S	GW	10 ⁹ W	A90
	gigawatt hour	1S	GW·h	10 ⁹ W x h	GWH
	gill (UK)	3.5		0,142 065 dm ³	GII
	gill (US)	3.5		11,829 4 cm ³	GIA
	gon	2	gon	1,570 796 x 10 ⁻² rad	A91
D	grade	2		=gon	A91
	grain	2	gr	64,798 91 x 10 ⁻⁶ kg	GRN
	gram	1S	g	10 ⁻³ kg	GRM
	gram of fissile isotope A unit of mass defining the number of grams of a fissile isotope (fissile isotope: an isotope whose nucleus is able to be split when irradiated with low energy neutrons).	3.1	gi F/S		GFI
X	gram per 100 gram	3.7			GC
	gram per cubic centimetre	1S	g/cm ³	10 ³ kg/m ³	23
	gram per cubic metre	1M	g/m ³	10 ⁻³ kg/m ³	A93
X	gram per kilogram	3.7			GK
	gram per litre	1S	g/l	kg/m ³	GL

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	gram per metre (gram per 100 centimetres)	1M	g/m	10 ⁻³ kg/m	GF
	gram per millilitre	1S	g/ml	10 ³ kg/m ³	GJ
	gram per mole	1S	g/mol	10 ⁻³ kg/mol	A94
	gram per square centimetre	1M	g/cm ²	10 kg/m ²	25
	gram per square metre	1M	g/m ²	10 ⁻³ kg/m ²	GM
+	gram, dry weight A unit of mass defining the number of grams of a product, disregarding the water content of the product.	3.1			GDW
+	gram, including container A unit of mass defining the number of grams of a product, including its container.	3.1			GIC
+	gram, including inner packaging A unit of mass defining the number of grams of a product, including its inner packaging materials.	3.1			GIP
	gray	1	Gy	m ² /s ²	A95
	gray per second	1	Gy/s	m ² /s ³	A96
	great gross A unit of count defining the number of units in multiples of 1728 (12 x 12 x 12).	3.7		1728	GGR
	gross A unit of count defining the number of units in multiples of 144 (12 x 12).	3.7	gr	144	GRO
X	gross barrel	3.1			GD
X	gross gallon	3.1			GN
	gross kilogram A unit of mass defining the total number of kilograms before deductions.	3.1			E4
D	gross register ton A unit of mass equal to the total cubic footage before deductions, where 1 register ton is equal to 100 cubic feet. Refer International Convention on tonnage measurement of ships.	3.4			GRT
	gross ton A unit of mass equal to 2440 pounds, see ton (UK). Refer International Convention on Tonnage measurement of Ships.	3.1			GT
	gross ton A unit of mass equal to 2440 pounds, see ton (UK). Refer International Convention on Tonnage measurement of Ships.	3.4			GT

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	gross yard	3.1			GY
	group A unit of count defining the number of groups (group: set of items classified together).	3.9			10
X	half dozen	3.7		6	HD
X	half gallon (US)	3.8			GH
X	half hour	3.8			HT
X	half litre	3.8			H2
X	half page – electronic	3.9			H1
X	half pint (US)	3.8			PV
	half year (6 months) A unit of time defining the number of half years (6 months).	3.8			SAN
	hank A unit of length, typically for yarn.	3.9			HA
X	heat lot	3.9			08
	hectare	1S	ha	10 ⁴ m ²	HAR
	hectobar	1M	hbar	10 ⁷ Pa	HBA
	hectogram	1M	hg	10 ² g	HGM
	hectolitre	1S	hl	0,1 m ³	HLT
	hectolitre of pure alcohol A unit of volume equal to one hundred litres of pure alcohol.	3.1			HPA
	hectometre	1M	hm	10 ² m	HMT
	hectopascal	1S	hPa	10 ² Pa	A97
	henry	1	H	H	81
	henry per metre	1	H/m	H/m	A98
	hertz	1	Hz	Hz	HTZ
X	hogshead Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			Z4
X	horse power day per air dry metric ton	3.5			30
	hour	1	h	3 600 s	HUR

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	hundred A unit of count defining the number of units in multiples of 100.	3.7		100	CEN
	hundred board feet A unit of volume equal to one hundred board feet.	3.5			BP
	hundred boxes A unit of count defining the number of boxes in multiples of one hundred box units.	3.2			HBX
	hundred count A unit of count defining the number of units counted in multiples of 100.	3.7			HC
X	hundred cubic feet	3.8			HH
	hundred cubic metre A unit of volume equal to one hundred cubic metres.	3.8			FF
X	hundred feet	3.8			HF
X	hundred feet (linear)	3.8			HL
X	hundred fifteen kg drum	3.3			16
	hundred international unit A unit of count defining the number of international units in multiples of 100.	3.7			HIU
X	hundred kilogram	3.8			HK
+	hundred kilogram, dry weight A unit of mass defining the number of hundred kilograms of a product, disregarding the water content of the product.	3.1			HDW
+	hundred kilogram, net mass A unit of mass defining the number of hundred kilograms of a product, after deductions.	3.1			HKM
X	hundred lb drum	3.3			17
	hundred leave A unit of count defining the number of leaves, expressed in units of one hundred leaves.	3.8			CLF
X	hundred linear yard	3.8			YL
+	hundred metre A unit of count defining the number of 100 metre lengths.	3.1			JPS
	hundred pack A unit of count defining the number of hundred-packs (hundred-pack: set of one hundred items packaged together).	3.8			CNP
	hundred pack	3.2			CNP

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	A unit of count defining the number of hundred-packs (hundred-pack: set of one hundred items packaged together).				
#	hundred pounds (cwt) / hundred weight (US)	2	cwt (US)	45,359 2 kg	CWA
X	hundred sheet	3.8			HI
X	hundred square feet	3.8			HS
X	hundred troy ounce	3.8			HO
	hundred weight (UK)	2	cwt (UK)	50,802 35 kg	CWI
X	hundred yard	3.8			HY
X	hundredth of a carat	3.5			HE
	hydraulic horse power	2		7,460 43 x 10 ² W	5J
	Imperial gallon per minute	2	gal (UK) /min	7,576 82 x 10 ⁻⁵ m ³ /s	G3
X	impression	3.9			IM
	inch	2	in	25,4 x 10 ⁻³ m	INH
	inch cubed	2	in ³	16,387 064 x 10 ⁻⁶ m ³	INQ
+	inch per linear foot A unit of length defining the number of inches per linear foot.	3.1			B82
X	inch per minute	3.5			IL
#	inch per second	2	in/s	0,025 4 m/s	IU
X	inch per second (vibration)	2	in/s		IU
#	inch per second squared	2	in/s ²	0,025 4 m/s ²	IV
X	inch per second squared (acceleration)	2	in/s ²	0,025 4 m/s ²	IV
	inch pound (pound inch)	2	in·lb	0,112 985 J	IA
	inch to the fourth power	2	in ⁴	41,623 14 x 10 ⁻⁸ m ⁴	D69
D	inches of water A unit of pressure defining the number of inches in a water column.	3.1			IF
X	insurance policy	3.9			IP
+	international sugar degree A unit of measure defining the sugar content of a solution, expressed in degrees.	3.5			ISD
D	International Table (IT) calorie	2	calIT	4,186 8 J	D70

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
D	International Table (IT) calorie per gram kelvin	2	calIT/(g·K)	4 186,8 J / (kg x K)	D76
D	International Table (IT) calorie per second centimetre kelvin	2	calIT/(s·cm·K)	418,68 W/(m x K)	D71
D	International Table (IT) calorie per second square centimetre kelvin	2	calIT/(s·cm ² ·K)	4,186 8 x 10 ⁴ W/(m ² x K)	D72
D	International Table (IT) calorie per gram	2	calIT/g	4 186,8 J /kg	D75
X	jar Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			J R
X	joint	3.9			J O
	joule	1	J	J	J O U
	joule per cubic metre	1	J /m ³	J /m ³	B8
	joule per gram	15	J /g	J / (10 ⁻³ x kg)	D95
	joule per kelvin	1	J /K	J /K	J E
	joule per kilogram	1	J /kg	J /kg	J 2
	joule per kilogram kelvin	1	J / (kg·K)	J / (kg x K)	B11
	joule per metre	1	J /m	J /m	B12
	joule per metre squared	1	J /m ²	J /m ²	B13
	joule per metre to the fourth power	1	J /m ⁴	J /m ⁴	B14
	joule per mole	1	J /mol	J /mol	B15
	joule per mole kelvin	1	J / (mol·K)	J / (mol x K)	B16
+	joule per square centimetre A unit of energy defining the number of joules per square centimetre.	3.5	J /cm ²	10 ⁴ J /m ²	E43
	joule per square metre	1	J /m ²	J /m ²	B13
	joule second	1	J ·s	J x s	B18
	joule square metre	1	J ·m ²	J x m ²	D73
	joule square metre per kilogram	1	J ·m ² /kg	J x m ² /kg	B20
X	jug Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			J G
X	jumbo	3.4			J B
X	keg Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			KG

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	kelvin	1	K	°C	KEL
	kelvin per watt	1	K/W	°C/W	B21
+	kibibit A unit of information equal to 2 ¹⁰ (1024) bits (binary digits).	3.6	Kibit		C21
	kiloampere	1S	kA	10 ³ A	B22
	kiloampere hour (thousand ampere hour)	1M	kA·h	10 ³ A x h	TAH
	kiloampere per metre	1S	kA/m	kA/m	B24
	kiloampere per square metre	1S	kA/m ²	10 ³ A/m ²	B23
	kilobar	1M	kbar	10 ⁶ Pa	KBA
	kilobecquerel	1S	kBq	10 ³ Bq	2Q
	kilobecquerel per kilogram	1S	kBq/kg	10 ³ Bq/kg	B25
+	kilobit A unit of information equal to 10 ³ (1000) bits (binary digits).	3.6	kbit		C37
+	kilobit per second A unit of information equal to 10 ³ (1000) bits (binary digits) per second.	3.6	kbit/s		C74
	kilobyte A unit of information equal to 10 ³ (1000) bytes.	3.6	kB	10 ³ bytes	2P
+	kilocalorie (IT) A unit of heat energy equal to one thousand calories.	3.5		4 186,8 J	E14
+	kilocalorie (TH) per hour A unit of energy equal to one thousand calories per hour.	3.5			E15
	kilocharacter A unit of information equal to 10 ³ (1000) characters.	3.9			KB
	kilocoulomb	1S	kC	10 ³ C	B26
	kilocoulomb per cubic metre	1S	kC/m ³	10 ³ C/m ³	B27
	kilocoulomb per square metre	1S	kC/m ²	10 ³ C/m ²	B28
	kilocurie	2S	kCi	10 ³ Ci	2R
	kiloelectronvolt	1S	keV	10 ³ eV	B29
D	kilogauss	3.5	kGs	10 ³ Hs	78

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	kilogram A unit of mass equal to one thousand grams.	1	kg	kg	KGM
X	kilogram decimal	3.9			KD
+	kilogram drained net weight A unit of mass defining the net number of kilograms of a product, disregarding the liquid content of the product.	3.1	kg/net eda		KDW
+	kilogram force per square centimetre A unit of pressure defining the number of kilograms force per square centimetre.	3.5	kgf/cm ²	9,806 65 x 10 ⁴ Pa	E42
+	kilogram force per square millimetre A unit of pressure defining the number of kilograms force per square millimetre.	3.5	kgf/mm ²	9,806 65 x 10 ⁶ Pa	E41
	kilogram metre per second	1	kg·m/s	kg x m/s	B31
	kilogram metre squared	1	kg·m ²	kg x m ²	B32
	kilogram metre squared per second	1	kg·m ² /s	kg x m ² /s	B33
	kilogram named substance A unit of mass equal to one kilogram of a named substance.	3.1			KNS
+	kilogram of choline chloride A unit of mass equal to one thousand grams of choline chloride.	3.1	kg C ₅ H ₁₄ ClNO		KCC
+	kilogram of hydrogen peroxide A unit of mass equal to one thousand grams of hydrogen peroxide.	3.1	kg H ₂ O ₂		KHY
+	kilogram of imported meat, less offal A unit of mass equal to one thousand grams of imported meat, disregarding less valuable by-products such as the entrails.	3.5			TMS
+	kilogram of methylamine A unit of mass equal to one thousand grams of methylamine.	3.1	kg met.am.		KMA
	kilogram of nitrogen A unit of mass equal to one thousand grams of nitrogen.	3.1	kg N		KNI
	kilogram of phosphorus pentoxide (phosphoric anhydride) A unit of mass equal to one thousand grams of phosphorus pentoxide phosphoric anhydride.	3.1			KPP
	kilogram of potassium hydroxide (caustic potash) A unit of mass equal to one thousand grams of potassium hydroxide (caustic potash).	3.1	kg KOH		KPH
	kilogram of potassium oxide A unit of mass equal to one thousand grams of potassium oxide.	3.1	kg K ₂ O		KPO
	kilogram of sodium hydroxide (caustic soda)	3.1	kg NaOH		KSH

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	A unit of mass equal to one thousand grams of sodium hydroxide (caustic soda).				
	kilogram of substance 90 % dry A unit of mass equal to one thousand grams of a named substance that is 90% dry.	3.1	kg 90 % sdt		KSD
+	kilogram of tungsten trioxide A unit of mass equal to one thousand grams of tungsten trioxide.	3.1	kg WO ₃		KWO
	kilogram of uranium A unit of mass equal to one thousand grams of uranium.	3.1	kg U		KUR
X	kilogram per air dry metric ton	3.5			32
	kilogram per cubic decimetre	1S	kg/dm ³	10 ³ kg/m ³	B34
	kilogram per cubic metre A unit of weight expressed in kilograms of a substance that fills a volume of one cubic metre.	1	kg/m ³	kg/m ³	KMQ
X	kilogram per kilogram of product	3.9			3H
	kilogram per litre	1S	kg/l or kg/L	10 ³ kg/m ³	B35
X	kilogram per litre of product	3.9			B35
	kilogram per metre	1	kg/m	kg/m	KL
	kilogram per millimetre width	3.1		kg/10 ⁻³ m	KI
	kilogram per mole	1	kg/mol	kg/mol	D74
X	kilogram per piece of product	3.9			3I
	kilogram per second	1	kg/s	kg/s	KGS
	kilogram per square centimetre	2	kg/cm ²	10 ⁴ kg/m ²	D5
	kilogram per square metre	1M	kg/m ²	kg/m ²	28
+	kilogram, dry weight A unit of mass defining the number of kilograms of a product, disregarding the water content of the product.	3.1			MND
+	kilogram, including container A unit of mass defining the number of kilograms of a product, including its container.	3.1			KIC
+	kilogram, including inner packaging A unit of mass defining the number of kilograms of a product, including its inner packaging materials.	3.1			KIP
D	kilogram-force	2	kgf	9,80665 N	B37
D	kilogram-force metre	2	kgf·m	9,80665 N x m	B38

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
D	kilogram-force metre per second	2	kgf·m/s	9,806 65 W	B39
+	kilogram-force metre per square centimetre A unit of energy defining the number of kilogram-force metres per square centimetre.	3.5	kgf·m/cm ²		E44
D	kilogram-force per square metre	2	kgf/m ²	9,806 65 Pa	B40
	kilograms per millimetre	1M	kg/mm	10 ³ kg/m	KW
	kilohertz	1S	kHz	10 ³ Hz	KHZ
	kilojoule	1S	kJ	10 ³ J	KJ O
	kilojoule per kelvin	1S	kJ /K	10 ³ J /K	B41
	kilojoule per kilogram	1S	kJ /kg	10 ³ J /kg	B42
	kilojoule per kilogram kelvin	1S	kJ /(kg·K)	10 ³ J /(kg x K)	B43
	kilojoule per mole	1S	kJ /mol	10 ³ J /mol	B44
	kilolitre	1M	kl	m ³	K6
	kilolitre per hour	1M	kl/h	2,777 78 x 10 ⁻⁴ m ³ /s	4X
+	kilometre	1S	km	10 ³ m	KMT
X	kilometre	1S	km	10 ³ m	KTM
	kilometre per hour	1S	km/h	0,277 778 m/s	KMH
	kilomole	1S	kmol	10 ³ mol	B45
	kilomole per cubic metre	1S	kmol/m ³	10 ³ mol/m ³	B46
	kilonewton	1S	kN	10 ³ N	B47
	kilonewton metre	1S	kN·m	10 ³ N x m	B48
	kiloohm	1S	kΩ	10 ³ Ω	B49
	kiloohm metre	1S	kΩ·m	10 ³ Ω x m	B50
X	kilopacket	3.9			KF
	kilopascal	1S	kPa	10 ³ Pa	KPA
	kilopascal square metres per gram	1M	kPa·m ² /g	10 ⁶ m/s ²	33
	kilopascals per millimetre	1M	kPa/mm	10 ⁶ Kg/(m ² x s ²)	34
D	kilopond	2	kp	9,80665 N	B51

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	kilopound per square inch A unit of pressure defining the number of kilopounds force per square inch.	3.5	klb/in ²	7,030 696 x 10 ⁵ kg/m ²	84
#	kiloroentgen	2	kR	0,258 C/kg	KR
	kilosecond	1S	ks	10 ³ s	B52
	kilosegment A unit of information equal to 10 ³ (1000) segments.	3.6		64,000 bytes	KJ
	kilosiemens	1S	kS	10 ³ S	B53
	kilosiemens per metre	1S	kS/m	10 ³ S/m	B54
	kilotonne	1M	kt	10 ⁶ kg	KTN
	kilovar	1S	kvar	10 ³ var	KVR
	kilovolt	1S	kV	10 ³ V	KVT
	kilovolt - ampere	1S	kV·A	10 ³ V x A	KVA
	kilovolt ampere (reactive)	1S	kV·A	10 ³ V x A	K5
+	kilovolt ampere hour A unit of accumulated energy of 1000 volt amperes over a period of one hour.	3.1	kVAh		C79
	kilovolt ampere reactive demand A unit of measure defining the reactive power demand equal to one kilovolt ampere of reactive power.	3.5			K2
	kilovolt ampere reactive hour A unit of measure defining the accumulated reactive energy equal to one kilovolt ampere of reactive power per hour.	3.5			K3
	kilovolt per metre	1S	kV/m	10 ³ V/m	B55
	kilowatt	1S	kW	10 ³ W	KWT
	kilowatt demand A unit of measure defining the power load measured at predetermined intervals.	3.5			K1
	kilowatt hour	1S	kW·h	10 ³ W x h	KWH
+	kilowatt hour per hour A unit of accumulated energy of a thousand watts over a period of one hour.	3.1	kW·h/h		D03
	kiloweber per metre	1S	kWb/m	10 ³ V x s/m	B56
	kit A unit of count defining the number of kits (kit: tub, barrel or pail).	3.2			KT

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	knot	1	kn	0,514 444 m/s	KNT
	labour hour A unit of time defining the number of labour hours.	3.1			LH
+	lactic dry material percentage A unit of proportion defining the percentage of dry lactic material in a product.	3.5			KLK
+	lactose excess percentage A unit of proportion defining the percentage of lactose in a product that exceeds a defined percentage level.	3.5			LAC
X	large spray	3.9			LJ
	layer A unit of count defining the number of layers.	3.9			LR
	leaf A unit of count defining the number of leaves.	3.5			LEF
	length A unit of distance defining the linear extent of an item measured from end to end.	3.9			LN
X	lift	3.9			O5
X	lift van	3.4			Z1
	light year	2	l.y.	9,460 53 x 10 ¹⁵ m	B57
X	linear centimetre	3.1			LC
	linear foot A unit of count defining the number of feet (12-inch) in length of a uniform width object.	3.1			LF
X	linear inch	3.1			LI
	linear metre A unit of count defining the number of metres in length of a uniform width object.	3.1			LM
	linear yard A unit of count defining the number of 36-inch units in length of a uniform width object.	3.1			LY
X	linear yard per pound	3.1			LX
	link A unit of distance equal to 0.01 chain.	3.9			LK
	liquid pint (US)	2	liq pt (US)	0,473 176 5 dm ³	PTL
	liquid pound A unit of mass defining the number of pounds of a liquid substance.	3.1			LP

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	liquid quart (US)	2	liq qt (US)	0,946 353 dm ³	QTL
X	lite	3.9			LE
	litre	1	l	10 ⁻³ m ³	LTR
	litre of pure alcohol A unit of volume equal to one litre of pure alcohol.	3.1			LPA
	litre per day	1M	l/d	1,157 41 x 10 ⁻⁸ m ³ /s	LD
+	litre per hour A unit of count defining the number of litres per hour.	3.1	l/h	2,777 78 x 10 ⁻⁷ m ³ /s	E32
	litre per minute	1M	l/min	1,666 67 x 10 ⁻⁵ m ³ /s	L2
	litre per mole	1M	l/mol	10 ⁻³ m ³ /mol	B58
	load A unit of volume defining the number of loads (load: a quantity of items carried or processed at one time).	3.4			NL
X	locomotive count	3.5			1C
X	locomotive mile	3.5			1K
#	lot [unit of procurement] A unit of count defining the number of lots (lot: a collection of associated items).	3.9			LO
+	lot [unit of weight] A unit of weight equal to about 1/2 ounce or 15 grams.	3.2			D04
X	lug	3.9			Z5
	lumen	1	lm	7,957 75 x 10 ⁻² cd	LUM
	lumen hour	1S	lm·h	2,864 79 x 10 ⁻² s x cd	B59
	lumen per square metre	1	lm/m ²	7,957 75 x 10 ⁻² cd/m ²	B60
	lumen per watt	1	lm/W	7,957 75 x 10 ⁻² cd/W	B61
	lumen second	1	lm·s	7,957 75 x 10 ⁻² s x cd	B62
	lump sum A unit of count defining the number of whole or a complete monetary amounts.	3.9			LS
	lux	1	lx	7,957 75 x 10 ⁻² cd/m ²	LUX
	lux hour	1S	lx·h	2,864 79 x 10 ⁻² s x cd/m ²	B63
	lux second	1	lx·s	7,957 75 x 10 ⁻² s x cd/m ²	B64

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	machine per unit	3.9			MA
X	magnetic tape	3.6			M0
	manmonth A unit of count defining the number of months for a person or persons to perform an undertaking.	3.9			3C
X	mass pound	3.1			D98
X	mat Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			MT
D	maxwell	3.5	Mx	10^{-8} Wb	B65
	meal A unit of count defining the number of meals (meal: an amount of food to be eaten on a single occasion).	3.9			Q3
+	mebibit A unit of information equal to 2^{20} (1048576) bits (binary digits).	3.6	Mibit		D11
	mega litre	1M	MI	10^3 m ³	MAL
	megaampere per square metre	1S	MA/m ²	10^6 A/m ²	B66
	megabecquerel	1S	MBq	10^6 Bq	4N
	megabecquerel per kilogram	1S	MBq/kg	10^6 Bq/kg	B67
+	megabit A unit of information equal to 10^6 (1000000) bits (binary digits).	3.6	Mbit		D36
+	megabit per second A unit of information equal to 10^6 (1000000) bits (binary digits) per second.	3.6	Mbit/s		E20
	megabyte A unit of information equal to 10^6 (1000000) bytes.	3.6	MB	10^6 bytes	4L
	megacoulomb	1S	MC	10^6 C	D77
	megacoulomb per cubic metre	1S	MC/m ³	10^6 C/m ³	B69
	megacoulomb per square metre	1S	MC/m ²	10^6 C/m ²	B70
	megaelectronvolt	1S	MeV	10^6 eV	B71
	megagram	1S	Mg	10^3 kg	2U

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	megagram per cubic metre	1S	Mg/m ³	10 ³ kg/m ³	B72
X	megagram per hour	3.8	Mg/h		2V
	megahertz	1S	MHz	10 ⁶ Hz	MHZ
	megajoule	1S	MJ	10 ⁶ J	3B
	megajoule per cubic metre	1M	MJ /m ³	10 ⁶ J /m ³	J M
	megajoule per kilogram	1S	MJ /kg	10 ⁶ J /kg	J K
+	megajoule per second A unit of accumulated energy equal to one million joules per second.	3.1	MJ /s		D78
	megametre	3.8	Mm	10 ⁶ m	MAM
	meganewton	1S	MN	10 ⁶ N	B73
	meganewton metre	1S	MN·m	10 ⁶ N x m	B74
	megaohm	1S	MΩ	10 ⁶ Ω	B75
	megaohm metre	1S	MΩ·m	10 ⁶ Ω x m	B76
	megapascal	1S	MPa	10 ⁶ Pa	MPA
+	megapixel A unit of count equal to 10 ⁶ (1 000 000) pixels (picture elements).	3.6			E38
	megasiemens per metre	1S	MS/m	10 ⁶ S/m	B77
	megavolt	1S	MV	10 ⁶ V	B78
	megavolt - ampere	1S	MV·A	10 ⁶ V x A	MVA
+	megavolt ampere reactive A unit of electrical reactive power represented by a current of one thousand amperes flowing due a potential difference of one thousand volts where the sine of the phase angle between them is 1.	3.1	MV·A·r		MAR
+	megavolt ampere reactive hours A unit of electrical reactive power defining the total amount of reactive power across a power system.	3.1	MV·A·r·h		MAH
	megavolt per metre	1S	MV/m	10 ⁶ V/m	B79
	megawatt A unit of power defining the rate of energy transferred or consumed when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor.	1S	MW	10 ⁶ W	MAW

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	megawatt hour (1000 kW.h) A unit of power defining the total amount of bulk energy transferred or consumed.	1S	MW·h	10 ⁶ W x h	MWH
+	megawatt hour per hour A unit of accumulated energy of a million watts over a period of one hour.	3.1	MW·h/h		E07
+	megawatt per hertz A unit of energy expressed as the load change in million watts that will cause a frequency shift of one hertz.	3.1	MW/Hz		E08
	mesh A unit of count defining the number of strands per inch as a measure of the fineness of a woven product.	3.9			57
	message A unit of count defining the number of messages.	3.9			NF
X	message hour	3.5			NH
	metre	1	m	m	MTR
	metre cubed	1	m ³	m ³	MTQ
	metre kelvin	1	m·K	m x K	D18
	metre per minute	1M	m/min	0,016 666 m/s	2X
	metre per second	1	m/s	m/s	MTS
	metre per second squared	1	m/s ²	m/s ²	MSK
	metre squared per second (square metres/second US)	1	m ² /s	m ² /s	S4
	metre to the fourth power	1	m ⁴	m ⁴	B83
	metric carat	3.5		200 mg	CTM
D	metric gross ton A unit of mass equal to the total number of kilograms, expressed in units of 1000 kilograms, before deductions.	3.1			GT
D	metric horse power	2	metric hp	735,498 75 W	HJ
	metric long ton A metric unit of mass equal to 1016.047 kilograms (2240 pounds).	3.1			E5
X	metric net ton	3.1			NT
	metric ton A metric unit of mass equal to 1000 kilograms.	3.1		use tonne	TNE

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
+	metric ton, including container A unit of mass defining the number of metric tons of a product, including its container.	3.1			TIC
+	metric ton, including inner packaging A unit of mass defining the number of metric tons of a product, including its inner packaging materials.	3.1			TIP
+	metric ton, lubricating oil A unit of mass defining the number of metric tons of lubricating oil.	3.1			LUB
D	mho	2		S	NQ
	microampere	1S	μA	10^{-6} A	B84
	microbar	1S	μbar	10^{-3} Pa	B85
	microcoulomb	1S	μC	10^{-6} C	B86
	microcoulomb per cubic metre	1S	$\mu\text{C}/\text{m}^3$	10^{-6} C/ m^3	B87
	microcoulomb per square metre	1S	$\mu\text{C}/\text{m}^2$	10^{-6} C/ m^2	B88
	microcurie	2S	μCi	$3,7 \times 10^4$ Bq	M5
	microfarad	1S	μF	10^{-6} F	4O
	microfarad per metre	1S	$\mu\text{F}/\text{m}$	10^{-6} F/m	B89
X	microfiche sheet	3.9			G7
	microgram	1S	μg	10^{-9} kg	MC
	microgram per cubic metre	1M	$\mu\text{g}/\text{m}^3$	10^{-9} kg/ m^3	GQ
	microhenry	1S	μH	10^{-6} H	B90
	microhenry per metre	1S	$\mu\text{H}/\text{m}$	10^{-6} H/m	B91
	micro-inch	2	μin	$25,4 \times 10^{-9}$ m	M7
	microlitre	1M	μl	10^{-9} m ³	4G
	micrometre (micron)	1S	μm	10^{-6} m	4H
D	micromho	2		10^{-6} S	NR
	micromole	1S	μmol	10^{-6} mol	FH
	micronewton	1S	μN	10^{-6} N	B92
	micronewton metre	1S	$\mu\text{N}\cdot\text{m}$	10^{-6} N x m	B93
	microohm	1S	$\mu\Omega$	10^{-6} Ω	B94

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	microohm metre	1S	$\mu\Omega \cdot m$	$10^{-6} \Omega \times m$	B95
	micropascal	1S	μPa	$10^{-6} Pa$	B96
	microradian	1S	μrad	$10^{-6} rad$	B97
	microsecond	1S	μs	$10^{-6} s$	B98
	microsiemens	1S	μS	$10^{-6} S$	B99
	microtesla	1S	μT	$10^{-6} T$	D81
	microvolt	1S	μV	$10^{-6} V$	D82
	microvolt per metre	1S	$\mu V/m$	$10^{-6} V/m$	C3
	microwatt	1S	μW	$10^{-6} W$	D80
	microwatt per square metre	1S	$\mu W/m^2$	$10^{-6} W/m^2$	D85
	mile (statute mile)	2	mile	609,344 m	SMI
	mile per hour	2	mile/h	0,447 04 m/s	HM
+	mille A unit of count defining the number of cigarettes in units of 1000.	3.9			E12
	milliamperere	1S	mA	$10^{-3} A$	4K
+	milliamperere hour A unit of power load delivered at the rate of one thousandth of an ampere over a period of one hour.	3.1	mA·h	3,6 C	E09
	milliard	3.7		10^9	MLD
	millibar	1S	mbar	$10^2 Pa$	MBR
	millicoulomb	1S	mC	$10^{-3} C$	D86
	millicoulomb per cubic metre	1S	mC/m ³	$10^{-3} C/m^3$	D88
	millicoulomb per kilogram	1S	mC/kg	$10^{-3} C/kg$	C8
	millicoulomb per square metre	1S	mC/m ²	$10^{-3} C/m^2$	D89
	millicurie	2S	mCi	$3,7 \times 10^7 Bq$	MCU
	milliequivalence caustic potash per gram of product A unit of count defining the number of milligrams of potassium hydroxide per gram of product as a measure of the concentration of potassium hydroxide in the product.	3.9			KO
	millifarad	1S	mF	$10^{-3} F$	C10

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	milligal	1M	mGal	10^{-5} m/s ²	C11
	milligram	1S	mg	10^{-6} kg	MGM
	milligram per cubic metre	1M	mg/m ³	10^{-6} kg/m ³	GP
	milligram per hour	1M	mg/h	$2,777\ 78 \times 10^{-10}$ kg/s	4M
X	milligram per kilogram	3.7			NA
#	milligram per litre	1M	mg/l	10^{-3} kg/m ³	M1
	milligram per metre	1S	mg/m	10^{-6} kg/m	C12
X	milligram per square foot per side	3.1			MF
X	milligram per square inch	3.5	mg/in ²		MK
	milligrams per square metre	1	mg/m ²	10^{-6} kg/m ²	GO
	milligray	1S	mGy	10^{-3} Gy	C13
	millihenry	1S	mH	10^{-3} H	C14
	milli-inch	2	mil	$25,4 \times 10^{-6}$ m	77
	millijoule	1S	mJ	10^{-3} J	C15
	millilitre	1S	ml	10^{-6} m ³	MLT
D	millilitre of water A unit of volume equal to the number of millilitres of water.	3.1			WW
	millilitre per kilogram	1M	ml/kg	10^{-6} m ³ /kg	KX
	millilitre per minute	1M	ml/min	$1,666\ 67 \times 10^{-8}$ m ³ /s	41
	millilitre per second	1M	ml/s	10^{-6} m ³ /s	40
	millilitres per square centimetre second	1M	ml/(cm ² .s)	10^{-2} m/s	35
	millimetre	1S	mm	10^{-3} m	MMT
	millimetre per second	1S	mm/s	10^{-3} m/s	C16
	millimetre squared per second	1S	mm ² /s	10^{-3} m ² /s	C17
	millimole	1S	mmol	10^{-3} mol	C18
	millimole per kilogram	1S	mmol/kg	10^{-3} mol/kg	D87
	millinewton	1S	mN	10^{-3} N	C20

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	millinewton metre	1S	mN·m	$10^{-3} \text{ N} \times \text{m}$	D83
	millinewton per metre	1S	mN/m	10^{-3} N	C22
	milliohm metre	1S	mΩ·m	$10^{-3} \Omega \times \text{m}$	C23
	million	3.7		10^6	MIO
	million Btu per 1000 cubic feet	3.9	MBTU/kt ³	$1,05 \times 10^9 \text{ J}$	M9
+	million BTU(IT) per hour A unit of power equal to one million British thermal units per hour.	3.1	Btuh	293 071,1 W	E16
X	million BTUs	3.8			BZ
X	million cubic feet	3.8	Mft ³		FM
	million cubic metre A unit of volume equal to one million cubic metres.	3.8	Mm ³		HMQ
	million international unit A unit of count defining the number of international units in multiples of 10^6 .	3.7			MIU
X	million particle per cubic foot	3.9			FD
X	million unit	3.8			UM
	millipascal	1S	mPa	10^{-3} Pa	74
	millipascal second	1S	mPa·s	$10^{-3} \text{ Pa} \times \text{s}$	C24
	milliradian	1S	mrad	10^{-3} rad	C25
	milliröntgen	2	mR	10^{-3} R	2Y
	millisecond	1S	ms	10^{-3} s	C26
	millisiemens	1S	mS	10^{-3} S	C27
	millisievert	1S	mSv	10^{-3} Sv	C28
	millitesla	1S	mT	10^{-3} T	C29
	millivolt	1S	mV	10^{-3} V	2Z
	millivolt per kelvin	1S	mV/K	10^{-3} V/K	D49
	millivolt per metre	1S	mV/m	10^{-3} V/m	C30
	milliwatt	1S	mW	10^{-3} W	C31
	milliwatt per square metre	1S	mW/m ²	10^{-3} W/m^2	C32

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	milliweber	1S	mWb	10^{-3} Wb	C33
#	minute [unit of angle]	1	'	$2,908\ 882 \times 10^{-4}$ rad	D61
#	minute [unit of time]	1	min	60 s	MIN
	MMSCF/day A unit of volume equal to one million (1000000) cubic feet of gas per day.	3.9			5E
	mole	1	mol	mol	C34
	mole per cubic decimetre	1S	mol/dm ³	mol/10 ⁻³ m ³	C35
	mole per cubic metre	1	mol/m ³	mol/m ³	C36
	mole per kilogram	1	mol/kg	mol/kg	C19
	mole per litre	1	mol/l	mol/10 ⁻³ m ³	C38
	monetary value A unit of measure expressed as a monetary amount.	3.9			M4
	month	2	mo	2 629 746 s (approx)	MON
	mutually defined A unit of measure as agreed in common between two or more parties.	3.9			ZZ
	nanoampere	1S	nA	10 ⁻⁹ A	C39
	nanocoulomb	1S	nC	10 ⁻⁹ C	C40
	nanofarad	1S	nF	10 ⁻⁹ F	C41
	nanofarad per metre	1S	nF/m	10 ⁻⁹ F/m	C42
	nanohenry	1S	nH	10 ⁻⁹ H	C43
	nanohenry per metre	1S	nH/m	10 ⁻⁹ H/m	C44
	nanometre	1S	nm	10 ⁻⁹ m	C45
	nanoohm metre	1S	nΩ·m	10 ⁻⁹ Ω·m	C46
	nanosecond	1S	ns	10 ⁻⁹ s	C47
	nanotesla	1S	nT	10 ⁻⁹ T	C48
	nanowatt	1S	nW	10 ⁻⁹ W	C49
	nautical mile	1	n mile	1 852 m	NMI
	neper	1	Np	Np	C50

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	neper per second	1	Np/s	Np/s	C51
X	net barrel	3.1			ND
X	net gallon (us)	3.1			NG
X	net imperial gallon	3.1			NI
	net kilogram A unit of mass defining the total number of kilograms after deductions.	3.1			58
X	net litre	3.1			NE
D	net register ton A unit of mass equal to the total cubic footage after deductions, where 1 register ton is equal to 100 cubic feet. Refer International Convention on tonnage measurement of Ships.	3.4			NTT
	net ton A unit of mass equal to 2000 pounds, see ton (US). Refer International Convention on tonnage measurement of Ships.	3.4			NT
	net ton (2000 lb) A unit of mass of an item, less any packaging material, expressed as the number of short tons (short ton is equal to 2000 lb).	3.1		use ton (US)	STN
X	newspage agate line	3.9			Z8
	newton	1	N	(kg x m)/s ²	NEW
	newton metre	1	N·m	N x m	NU
	newton metre second	1	N·m·s	N x m x s	C53
	newton metre squared kilogram squared	1	N·m ² /kg ²	N x m ² /kg ²	C54
	newton per metre	1	N/m	N/m	4P
+	newton per square centimetre A measure of pressure expressed in newtons per square centimetre.	3.1	N/cm ²	10 ⁴ Pa	E01
	newton per square metre	1S	N/m ²	Pa	C55
	newton per square millimetre	1S	N/mm ²	10 ⁶ Pa	C56
	newton second	1	N·s	N x s	C57
	newton second per metre	1	N·s/m	N x s/m	C58
X	nine pack	3.2			P9
	number of articles	3.7			NAR

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	A unit of count defining the number of articles (article: item).				
X	number of bobbins	3.7			NBB
	number of cells A unit of count defining the number of cells (cell: an enclosed or circumscribed space, cavity, or volume).	3.7			NCL
	number of international units A unit of count defining the number of international units.	3.7			NIU
+	number of jewels A unit of count defining the number of jewels (jewel: precious stone).	3.7			JWL
X	number of lines	3.9			N2
X	number of mulds	3.7			MV
	number of packs A unit of count defining the number of packs (pack: a collection of objects packaged together).	3.7			NMP
D	number of pairs A unit of count defining the number of pairs (pair: item described by two's).	3.7		use pair	NPR
X	number of parcels	3.7			NPL
	number of parts A unit of count defining the number of parts (part: component of a larger entity).	3.7			NPT
X	number of rolls Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.7			NRL
X	number of screens	3.7			NJ
+	number of words A unit of count defining the number of words.	3.7			D68
	octave A unit used in music to describe the ratio in frequency between notes.	1			C59
D	oersted	3.5	Oe	7,957 747 x 10 A/m	66
	ohm	1	Ω	Ω	OHM
	ohm centimetre	1S	$\Omega \cdot \text{cm}$	$\Omega \times \text{m} \times 10^{-2}$	C60
	ohm metre	1	$\Omega \cdot \text{m}$	$\Omega \times \text{m}$	C61
	one	1	1	1	C62
D	one	3.5	1	1	C62

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	ounce	2	oz	$2,834\ 952 \times 10^{-2}$ kg	ONZ
D	ounce av A unit of measure equal to 1/16 of a pound or about 28.3495 grams (av = avoirdupois).	3.1			OZ
	ounce foot	2	oz·ft	$8,640\ 933 \times 10^{-3}$ kg x m	4R
#	ounce inch	2	oz·in	$7,200\ 778 \times 10^{-4}$ kg x m	4Q
	ounce per square foot	2	oz/ft ²	0,305 151 7 kg/m ²	37
	ounce per square yard	2	oz/yd ²	$3,390\ 575 \times 10^{-2}$ kg/m ²	ON
	ounces per square foot per 0,01inch	1M	oz/(ft ² /cin)		38
	outfit A unit of count defining the number of outfits (outfit: a complete set of equipment / materials / objects used for a specific purpose).	3.9			11
	overtime hour A unit of time defining the number of overtime hours.	3.1			OT
+	ozone depletion equivalent A unit of mass defining the ozone depletion potential in kilograms of a product relative to the calculated depletion for the reference substance, Trichlorofluoromethane (CFC-11).	3.1			ODE
X	pack Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			PK
X	package Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			PK
X	packet Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			PA
	pad A unit of count defining the number of pads (pad: block of paper sheets fastened together at one end).	3.9			PD
	page A unit of count defining the number of pages.	3.5			ZP
X	page - electronic	3.9			P0
	page - facsimile A unit of count defining the number of facsimile pages.	3.5			QA
	page - hardcopy A unit of count defining the number of hardcopy pages (hardcopy page: a page rendered as printed or written output on paper, film, or other permanent medium).	3.5			QB

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	page per inch A unit of quantity defining the degree of thickness of a bound publication, expressed as the number of pages per inch of thickness.	3.5	ppi		PQ
X	pail Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			PL
	pair A unit of count defining the number of pairs (pair: item described by two's).	3.7		2	PR
X	pair inch	3.8			PB
X	pallet (lift) Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			PF
X	pallet/unit load Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.4			D97
	panel A unit of count defining the number of panels (panel: a distinct, usually rectangular, section of a surface).	3.9			OA
	parsec	1	pc	$3,085\ 678 \times 10^{16}$ m	C63
	part per billion (US) A unit of proportion equal to 10^{-9} .	3.7	ppb	1×10^{-9}	61
+	part per hundred thousand A unit of proportion equal to 10^{-5} .	3.7	ppht	1×10^{-5}	E40
	part per million A unit of proportion equal to 10^{-6} .	3.7	ppm	1×10^{-6}	59
	part per thousand A unit of proportion equal to 10^{-3} .	3.7	ppth or ppt	1×10^{-3}	NX
	pascal	1	Pa	Pa	PAL
	pascal per kelvin	1	Pa/K	Pa/K	C64
	pascal second	1	Pa·s	Pa x s	C65
	pascal second per cubic metre	1	Pa·s/m ³	Pa x s/m ³	C66
	pascal second per metre	1	Pa· s/m	Pa x s/m	C67
X	peck dry (UK)	3.5			PZ

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	peck dry (US)	3.5			PY
	pen calorie A unit of count defining the number of calories prescribed daily for parenteral/enteral therapy.	3.9			N1
	pen gram (protein) A unit of count defining the number of grams of amino acid prescribed for parenteral/enteral therapy.	3.9			D23
	pennyweight	3.5		1,555 174 g	DWT
	percent A unit of proportion equal to 0.01.	3.7	% or pct	1×10^{-2}	P1
X	percent per 1000 hour	3.7			62
	percent weight A unit of proportion equal to 10^{-6} .	3.7		1×10^{-2}	60
	person A unit of count defining the number of persons.	3.9			IE
+	petabyte A unit of information equal to 10^{15} bytes.	3.6	PB		E36
	petajoule	1S	PJ	10^{15} J	C68
	phon A unit of subjective sound loudness. A sound has loudness p phons if it seems to the listener to be equal in loudness to the sound of a pure tone of frequency 1 kilohertz and strength p decibels.	1			C69
	pica A unit of count defining the number of picas. (pica: typographical length equal to 12 points or 4.22 mm (approx.)).	3.5		$4,217\ 518 \times 10^{-3}$ m	R1
	picoampere	1S	pA	10^{-12} A	C70
	picocoulomb	1S	pC	10^{-12} C	C71
	picofarad	1S	pF	10^{-12} F	4T
	picofarad per metre	1S	pF/m	10^{-12} F/m	C72
	picohenry	1S	pH	10^{-12} H	C73
	picometre	1S	pm	10^{-12} m	C52
	picowatt	1S	pW	10^{-12} W	C75

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	picowatt per square metre	1S	pW/m ²	10 ⁻¹² W/m ²	C76
	piece A unit of count defining the number of pieces (piece: an individual part of a larger whole).	3.2	1	use one	C62
+	ping A unit of area equal to 3.3 square metres.	3.1		3,305 m ²	E19
	pint (UK)	2	pt (UK)	5,682 61 x 10 ⁻⁴ m ³	PTI
	pint (US)	2	pt (US)	4,731 76 x 10 ⁻⁴ m ³	PT
	pitch A unit of count defining the number of characters that fit in a horizontal inch.	3.5			PI
+	pixel A unit of count defining the number of pixels (pixel: picture element).	3.6			E37
X	plate Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			PG
	poise	2	P	0,1 Pa x s	89
	pound	2	lb	0,453 592 37 kg	LBR
	pound decimal A unit of mass defining the number of pounds with decimal precision.	3.1	lb	use pound	LBR
X	pound equivalent	3.1			PE
X	pound gage	3.1			C77
X	pound gross	3.1			D96
X	pound net	3.1			PN
X	pound per air dry metric ton	3.5			NY
	pound per cubic foot	2	lb/ft ³	1,601 846 kg/m ³	87
	pound per cubic inch	2	lb/in ³	2,767 990 x 10 ⁻⁴ kg/m ³	LA
	pound per foot	2	lb/ft	1,488 164 kg/m	P2
	pound per gallon (US)	2	lb/gal (US)	1.198 264 x 10 ² kg/m ³	GE
	pound per hour	2	lb/h	1,259 979 x 10 ⁻⁴ kg/s	4U
	pound per inch of length	2	lb/in	10,785 797 kg/m	PO
X	pound per inch of width	3.1			PW

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	pound per piece of product	3.9			3G
X	pound per pound of product	3.9			3E
	pound per ream A unit of mass for paper, expressed as pounds per ream. (ream: a large quantity of paper, typically 500 sheets).	3.5			RP
	pound per square foot	2	lb/ft ²	4,882 428 kg/m ²	FP
D	pound per square inch, gauge	3.1		7,030 696 x 10 ² kg/m ²	64
X	pound per thousand square feet	3.8	lb/kt ²		29
X	pound percentage	3.1			PM
	pound-force	2	lbf	4,448 222 N	C78
	pound-force per square inch	2	lbf/in	6,894 757 x 10 ³ Pa	PS
	pounds per square inch absolute	2	lb/in ²	7,030 696 x 10 ² kg/m ²	80
X	pounds per thousand	3.9			5F
X	powder filled vial	3.3			AW
	print point	3.5		0,013 8 in (approx)	N3
	proof gallon A unit of volume equal to one gallon of proof spirits, or the alcohol equivalent thereof. Used for measuring the strength of distilled alcoholic liquors, expressed as a percentage of the alcohol content of a standard mixture at a specific temperature.	3.1			PGL
+	proof litre A unit of volume equal to one litre of proof spirits, or the alcohol equivalent thereof. Used for measuring the strength of distilled alcoholic liquors, expressed as a percentage of the alcohol content of a standard mixture at a specific temperature.	3.1			PFL
X	pump	3.9			5G
	quart (UK)	2	qt (UK)	1,136 522 5 x 10 ⁻³ m ³	QTI
	quart (US)	2	qt (US)	0,946 352 9 x 10 ⁻³ m ³	QT
	quarter (of a year) A unit of time defining the number of quarters (3 months).	3.8			QAN
	quarter (UK)	3.5		12,700 586 kg	QTR
X	quarter dozen	3.7		3	QD

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	quarter hour	3.8		900 s	QH
X	quarter kilogram	3.8			QK
X	quarter mile	3.8			1X
	quintal, metric 100 kg A metric unit of mass equal to 100 kilograms.	3.5	dt or dtn	10 ² kg	DTN
	quire A unit of count for paper, expressed as the number of quires (quire: a number of paper sheets, typically 25).	3.5	qr		QR
X	rack	3.3			RA
	rad	2	rad	10 ⁻² Gy	C80
	radian	1	rad	m x m ⁻¹ = 1	C81
	radian per metre	1	rad/m	0,159 155 / m	C84
	radian per second	1	rad/s	0,159 155 Hz/s	2A
	radian per second squared	1	rad/s ²	0,159 155 Hz/s ²	2B
	radian square metre per kilogram	1	rad·m ² /kg	0,159 155 m ² /kg	C83
	radian square metre per mole	1	rad·m ² /mol	0,159 155 m ² /mol	C82
	rate A unit of quantity expressed as a rate for usage of a facility or service.	3.9			A9
	ration A unit of count defining the number of rations (ration: a single portion of provisions).	3.9			13
	ream A unit of count for paper, expressed as the number of reams (ream: a large quantity of paper sheets, typically 500).	3.5			RM
X	ream metric measure	3.5			RN
	reciprocal angstrom	1	Å ⁻¹	10 ¹⁰ m ⁻¹	C85
	reciprocal cubic metre	1	m ⁻³	m ⁻³	C86
	reciprocal cubic metre per second	1	m ⁻³ /s	m ⁻³ /s	C87
	reciprocal electron volt per cubic metre	1	eV ⁻³ /m ³	6,241 46 x 10 ¹⁸ J ⁻³ /m ³	C88
	reciprocal henry	1	H ⁻¹	H ⁻¹	C89
	reciprocal joule per cubic metre	1	J ⁻³ /m ³	J ⁻³ /m ³	C90

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	reciprocal kelvin or kelvin to the power minus one	1	K ⁻¹	K ⁻¹	C91
	reciprocal metre	1	m ⁻¹	m ⁻¹	C92
	reciprocal metre squared	1	m ⁻²	m ⁻²	C93
	reciprocal metre squared reciprocal second	1	m ⁻² /s	m ⁻² /s	B81
	reciprocal minute	1S	min ⁻¹	60 s ⁻¹	C94
	reciprocal mole	1	mol ⁻¹	mol ⁻¹	C95
	reciprocal pascal or pascal to the power minus one	1	Pa ⁻¹	Pa ⁻¹	C96
	reciprocal second	1	s ⁻¹	s ⁻¹	C97
	reciprocal second per cubic metre	1	s ⁻¹ /m ³	s ⁻¹ /m ³	C98
	reciprocal second per metre squared	1	s ⁻¹ /m ²	s ⁻¹ /m ²	C99
	reciprocal second per steradian	1	s ⁻¹ /sr	s ⁻¹ /sr	D1
	reciprocal second per steradian metre squared	1	s ⁻¹ /(sr·m ²)	s ⁻¹ /(sr·m ²)	D2
	reciprocal square metre	1	m ⁻²	m ⁻²	C93
X	reel Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			RL
	rem	2	rem	10 ⁻² Sv	D91
X	reset	3.9			RS
	revenue ton mile A unit of information typically used for billing purposes, expressed as the number of revenue tons (revenue ton: either a metric ton or a cubic metres, whichever is the larger), moved over a distance of one mile.	3.4			RT
	revolutions per minute	1	r/min	1,047 198 rad/(60 x s)	RPM
	revolutions per second	1	r/s	1,047 198 rad/s	RPS
X	ring Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			RG
X	rod Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			RD
#	roentgen	2	R	2,58 x 10 ⁻⁴ C/kg	2C
#	roentgen per second	2	R/s	2,58 x 10 ⁻⁴ C/(kg x s)	D6

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	roll Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			RO
X	roll metric measure	3.3			RK
	round A unit of count defining the number of rounds (round: A circular or cylindrical object).	3.9			D65
X	run	3.9			RU
	running or operating hour A unit of time defining the number of hours of operation.	3.1			RH
X	sack Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			SA
X	sandwich	3.9			D7
X	Saybold universal second	3.9			90
	score A unit of count defining the number of units in multiples of 20.	3.7		20	SCO
	scruple	3.5		1,295 982 g	SCR
#	second [unit of angle]	1	"	4,848 137 x 10 ⁻⁶ rad	D62
#	second [unit of time]	1	s	s	SEC
	second per cubic metre	1	s/m ³	s/m ³	D93
	second per radian cubic metre	1	s/(rad·m ³)	s/(6,283 19 x m ³)	D94
X	section	3.9			SE
	segment A unit of information equal to 64000 bytes.	3.9			SG
X	seismic level	3.9			5P
X	seismic line	3.9			5Q
X	session	3.9			S6
	set A unit of count defining the number of sets (set: a number of objects grouped together).	3.2			SET
X	seven pack	3.2			P7
+	shares A unit of count defining the number of shares (share: a total or portion of the parts into which a	3.7			E21

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	business entity's capital is divided).				
X	sheet Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			ST
X	sheet metric measure	3.3			SS
X	shelf package	3.9			SP
	shipment A unit of count defining the number of shipments (shipment: an amount of goods shipped or transported).	3.4			SX
D	shipping ton A unit of mass defining the number of tons for shipping.	3.4			SHT
X	short standard (7200 matches)	3.5			SST
	shot A unit of liquid measure, especially related to spirits.	3.9			14
	siemens	1	S	A/V	SIE
	siemens per metre	1	S/m	S/m	D10
	siemens square metre per mole	1	S·m ² /mol	S x m ² /mol	D12
	sievert	1	Sv	m ² /s ²	D13
	sitas A unit of area for tin plate equal to a surface area of 100 square metres.	3.9			56
X	six pack	3.2			P6
X	sixty fourths of an inch	3.8			S5
	skein A unit of count defining the number of skeins (skein: a loosely-coiled bundle of yarn or thread).	3.9			SW
X	skid Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.9			SV
X	sleeve	3.3			D99
X	slipsheet Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			SL
X	small spray	3.9			06
X	solid pound	3.1			SD
	soné	1			D15

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	A unit of subjective sound loudness. One sone is the loudness of a pure tone of frequency one kilohertz and strength 40 decibels.				
X	split tank truck	3.4			SK
X	spool Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			SO
	square A unit of count defining the number of squares (square: rectangular shape).	3.9			SQ
	square centimetre	1S	cm ²	10 ⁻⁴ m ²	CMK
	square centimetre per erg	2	cm ² /erg	10 ³ m ² /J	D16
	square centimetre per steradian erg	2	cm ² /(sr·erg)	10 ³ m ² /(sr x J)	D17
	square decimetre	1S	dm ²	10 ⁻² m ²	DMK
	square foot	2	ft ²	9,290 304 x 10 ⁻² m ²	FTK
	square foot per second	2	ft ² /s	0,092 903 04 m ² /s	S3
	square inch	2	in ²	6,451 6 x 10 ⁻⁴ m ²	INK
	square kilometre	1S	km ²	10 ³ m ²	KMK
	square metre	1	m ²	m ²	MTK
	square metre kelvin per watt	1	m ² ·K/W	m ² x K/W	D19
	square metre per joule	1	m ² /J	m ² /J	D20
	square metre per kilogram	1	m ² /kg	m ² /kg	D21
+	square metre per litre A unit of count defining the number of square metres per litre.	3.1	m ² /l		E31
	square metre per mole	1	m ² /mol	m ² /mol	D22
	square metre per second	1	m ² /s	m ² /s	S4
	square metre per steradian	1	m ² /sr	m ² /sr	D24
	square metre per steradian joule	1	m ² /(sr·J)	m ² /(sr x J)	D25
	square metre per volt second	1	m ² /(V·s)	m ² /(V x s)	D26
	square mile	2	mile ²	2,589 988 km ²	MIK
	square millimetre	1S	mm ²	10 ⁻⁶ m ²	MMK
X	square rod	3.8	rd ²	25,292 9 m ²	SN

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	square yard	2	yd ²	8,361 274 x 10 ⁻¹ m ²	YDK
+	square, roofing A unit of count defining the number of squares of roofing materials, measured in multiples of 100 square feet.	3.1			SQR
X	stage	3.9			5H
	standard A unit of volume of finished lumber equal to 165 cubic feet.	3.5	std	4,672 m ³	WSD
X	standard advertising unit	3.9			S8
	standard atmosphere	1	atm	1 013 25 Pa	ATM
	standard cubic foot	2	std	4,672 m ³	5I
+	standard kilolitre A unit of volume defining the number of kilolitres of a product at a temperature of 15 degrees Celsius, especially in relation to hydrocarbon oils.	3.1			DMO
+	standard litre A unit of volume defining the number of litres of a product at a temperature of 15 degrees Celsius, especially in relation to hydrocarbon oils.	3.1			STL
	steradian	1	sr	m ² x m ⁻² = 1	D27
+	stick, cigarette A unit of count defining the number of cigarettes in the smallest unit for stock-taking and/or duty computation.	3.9			STK
#	stick, military A unit of count defining the number of military sticks (military stick: bombs or paratroops released in rapid succession from an aircraft).	3.9			15
	stokes	2	St	10 ⁻⁴ m ² /s	91
	stone (UK)	2	st	6,350 293 kg	STI
X	storage unit	3.9			S7
+	strand A unit of count defining the number of strands (strand: long, thin, flexible, single thread, strip of fibre, constituent filament or multiples of the same, twisted together).	3.7			E30
	strip A unit of count defining the number of strips (strip: long narrow piece of an object).	3.9			SR
X	super bulk bag Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			43

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	suppository	3.3			AR
X	syphon	3.9			D28
	tablet A unit of count defining the number of tablets (tablet: a small flat or compressed solid object).	3.9			U2
X	tank truck	3.4			19
X	tank, cylindrical Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.4			TY
X	tank, rectangular Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.4			TK
D	technical atmosphere	2	at	98 066,5 Pa	ATT
	telecommunication line in service A unit of count defining the number of lines in service.	3.5			T0
	telecommunication line in service average A unit of count defining the average number of lines in service.	3.5			UB
	telecommunication port A unit of count defining the number of network access ports.	3.5			UC
	ten day A unit of time defining the number of days in multiples of 10.	3.2			DAD
X	ten kg drum	3.3			97
	ten pack A unit of count defining the number of items in multiples of 10.	3.2			TP
	ten pair A unit of count defining the number of pairs in multiples of 100 (pair: item described by two's).	3.8			TPR
X	ten square feet	3.8			TR
X	ten square yard	3.8			TF
X	ten thousand gallon (US) tankcar	3.4			96
X	ten thousand yard	3.8			UH
X	ten yard	3.8			YT
X	tenth cubic foot	3.8			TA
X	tenth hour	3.8		36 s	UE
X	tenth minute	3.8		6 s	UD

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
+	terabyte A unit of information equal to 10 ¹² bytes.	3.6	TB		E35
	terahertz	1S	THz	10 ¹² Hz	D29
	terajoule	1S	TJ	10 ¹² J	D30
	terawatt	1S	TW	10 ¹² W	D31
	terawatt hour	1S	TW·h	10 ¹² W x 60 s	D32
	tesla	1	T	T	D33
X	test specific scale	3.9			69
+	TEU A unit of count defining the number of twenty-foot equivalent units (TEUs) as a measure of containerized cargo capacity.	3.4			E22
	tex A unit of yarn density. One decitex equals a mass of 1 gram per 1 kilometre of length.	3.5	tex (g/km)	10 ⁻⁶ kg/m	D34
X	theoretical kilograms	3.1			53
	theoretical pound A unit of mass defining the expected mass of material expressed as the number of pounds.	3.1			24
	theoretical ton A unit of mass defining the expected mass of material, expressed as the number of tons.	3.1			27
X	theoretical tonne	3.1			54
X	therm	3.8		10 ⁵ x 1 055,056 J	TD
D	thermochemical calorie	2	calth	4,184 J	D35
D	thermochemical calorie per gram	2	calth/g	4 184 J /kg	B36
D	thermochemical calorie per gram kelvin	2	calth/(g·K)	4 184 J / (kg x K)	D37
D	thermochemical calorie per second centimetre kelvin	2	calth/(s·cm·K)	418,4 W/(m x K)	D38
D	thermochemical calorie per second square centimetre kelvin	2	calth/(s·cm ² ·K)	4,184 x10 ⁴ W/(m ² x K)	D39
	thousand	3.7		10 ³	MIL
X	thousand bag	3.8			T4
	thousand board feet A unit of volume equal to one thousand board feet.	3.5			MBF
X	thousand casing	3.8			T5

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	thousand cubic feet A unit of volume equal to one thousand cubic feet.	3.8	kft ³		FC
X	thousand cubic feet per day	3.8			F1
	thousand cubic metre A unit of volume equal to one thousand cubic metres	3.8		10 ³ m ³	R9
	thousand cubic metre per day A unit of volume equal to one thousand cubic metres per day.	3.8	km ³ /d	10 ³ m ³ /d	TQD
X	thousand feet	3.8			TQ
X	thousand feet (linear)	3.8			TL
X	thousand gallon (US)	3.8		3,785 412 m ³	T6
X	thousand impression	3.8			T7
X	thousand kilogram	3.8		10 ³ kg	TV
X	thousand linear inch	3.8			T8
X	thousand linear metre	3.8			TT
X	thousand linear yard	3.8			D14
X	thousand litre	3.8		m ³	D40
X	thousand metre	3.8		10 ³ m	MQ
	thousand piece A unit of count defining the number of pieces in multiples of 10 (piece: an individual part of a larger whole).	3.8			T3
X	thousand pound gross	3.8			T1
X	thousand pound per square inch	3.8			KS
X	thousand sheet	3.8			TW
X	thousand square centimetre	3.8			TJ
X	thousand square feet	3.8			TS
X	thousand square inch	3.8			TI
	thousand standard brick equivalent A unit of count defining the number of one thousand brick equivalent units.	3.5			MBE
X	three pack	3.2			P3

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
X	threehundred kg bulk bag	3.3			45
X	tin Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			TN
	ton (UK) or long ton (US)	2	ton (UK)	1,016 047 x 10 ³ kg	LTN
	ton (US) or short ton (UK/US)	2	ton (US)	0,907184 7 x 10 ³ kg	STN
	ton (US) per hour	2	ton (US) /h	0,907184 7 x 10 ³ kg/360 s	4W
X	ton mile	3.5			1J
X	ton of steam per hour	3.1			TSH
	tonne (metric ton)	1S	t	10 ³ kg	TNE
X	tonne of substance 90 % dry	3.1			TSD
	tonne per cubic metre	1S	t/m ³	10 ³ kg/m ³	D41
+	tonne per hour A unit of weight or mass equal to one tonne per hour.	3.1			E18
D	torr	2	Torr	133,322 4 Pa	UA
X	total car count	3.5			1L
X	total car mile	3.5			1M
X	tote	3.3			TE
X	track foot	3.5			FE
X	trailer	3.4			E3
X	train	3.5			NN
X	train mile	3.5			1F
X	transdermal patch	3.9			FG
X	tray / tray pack Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			PU
	treatment A unit of count defining the number of treatments (treatment: subjection to the action of a chemical, physical or biological agent).	3.9			U1
	trillion (EUR)	3.7		10 ¹⁸	TRL
	trillion (US)	3.7		10 ¹²	BIL

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	tropical year	2	atrop	$3,155\,693 \times 10^{-7} \text{ s}$	D42
#	troy ounce or apothecary ounce	2	tr oz	31,103 476 8 g	APZ
	troy pound (US)	3.5		373,242 g	LBT
X	truckload	3.4			TC
X	tube Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			TU
	twenty foot container A unit of count defining the number of shipping containers that measure 20 feet in length.	3.4			20
X	twenty pack	3.2			4E
X	twenty thousand gallon (US) tankcar	3.4			95
X	two pack	3.2			OP
X	two week	3.8			W4
+	tyre A unit of count defining the number of tyres (a solid or air-filled covering placed around a wheel rim to form a soft contact with the road, absorb shock and provide traction).	3.7			E23
	unified atomic mass unit	1	u	$1,660\,540\,2 \times 10^{-27} \text{ kg}$	D43
	unit A unit of count equal to 1.	3.2	1	use one	C62
	US gallon per minute	2	gal (US) /min	$3,785\,412 \times 10^{-3} \text{ m}^3/60 \text{ s}$	G2
X	usage per telecommunication line average	3.5			UF
	var The name of the unit is an acronym for volt-ampere-reactive.	1	var	V x A	D44
X	vehicle	3.4			NV
X	vial Use UN/ECE Recommendation 21 (refer to Note 1 at the end of this Annex).	3.3			VI
X	visit	3.9			VS
	volt	1	V	V	VLT
	volt - ampere	1	V·A	W	D46
	volt ampere per kilogram	3.9	VA/kg	1 VA/kg	VA
X	volt ampere per pound	3.9			71

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	volt per centimetre	1S	V/cm	V/m ²	D47
	volt per kelvin	1	V/K	V/m	D48
	volt per metre	1	V/m	V/m	D50
	volt per millimetre	1S	V/mm	kV/m	D51
	volt squared per kelvin squared	1	V ² /K ²	V ² /K ²	D45
	watt	1	W	W	WTT
	watt hour	1	W·h	3,6 x 10 ³ J	WHR
	watt per kelvin	1	W/K	W/K	D52
	watt per kilogram	3.9	W/kg	1 W/kg	WA
	watt per metre kelvin	1	W/(m·K)	W/(m x K)	D53
X	watt per pound	3.9			72
	watt per square metre	1	W/m ²	W/m ²	D54
	watt per square metre kelvin	1	W/(m ² ·K)	W/(m ² x K)	D55
	watt per square metre kelvin to the fourth power	1	W/(m ² ·K ⁴)	W/(m ² x K ⁴)	D56
	watt per steradian	1	W/sr	W/sr	D57
	watt per steradian square metre	1	W/(sr·m ²)	W/(sr x m ²)	D58
	weber	1	Wb	Wb	WEB
	weber per metre	1	Wb/m	Wb/m	D59
	weber per millimetre	1S	Wb/mm	Wb/10 ⁻³ m	D60
	week	2	wk	604 800 s	WEE
X	weight per square inch	3.9			WI
	wet kilo A unit of mass defining the number of kilograms of a product, including the water content of the product.	3.1			W2
	wet pound A unit of mass defining the number of pounds of a material, including the water content of the material.	3.1			WB
	wet ton A unit of mass defining the number of tons of a material, including the water content of the	3.1			WE

ST	Name Description	Level/ Category	Representation symbol	Conversion factor to SI	Common code
	material.				
X	wheel	3.9			WH
	wine gallon A unit of volume equal to 231 cubic inches.	3.1			WG
	working month A unit of time defining the number of working months.	3.1			WM
X	wrap	3.3			WR
	yard	2	yd	0,914 4 m	YRD
	year	2	a	3,155 76 x 10 ⁷ s	ANN

Note 1.

Historically the code elements for units of packaging were specified in this UN/ECE Recommendation. The source of these codes is from UN/ECE Recommendation No. 21 (Codes for types of cargo, packages and packaging materials). Recommendation No. 21 is maintained independently of Recommendation 20. To avoid duplicate maintenance and to better facilitate the use of the latest code elements for units of packaging, the existing code entries in Recommendation 20 for units of packaging have been flagged for deletion. Users should reference UN/ECE Recommendation No. 21 for the applicable code entries to be used as units of measure. Accordingly the following guidelines should be followed.

a) The 2 character alphanumeric code values in UN/ECE Recommendation 21 shall be used. To avoid duplication with existing code values in UN/ECE Recommendation No. 20, each code value from UN/ECE Recommendation 21 shall be prefixed with an "X", resulting in a 3 alphanumeric code when used as a unit of measure. For example:

Rec. 21	Code: AE	Name: Aerosol	
Rec. 20	Code: XAE	Name: Aerosol	Description: A unit of count defining the number of aerosols

b) The description of the UN/ECE Recommendation 21 code entries when used as a unit measure shall be interpreted as have a description of "A unit of count defining the number of xxxxxxxxxx" where "xxxxxxx" is the name of the code value in UN/ECE Recommendation 21, pluralized as appropriate.

c) Common code values for UN/ECE Recommendation 20 in the range of "X00" to "XZZ" shall be reserved for assignment as units of packaging derived from the code values specified in UN/ECE Recommendation 21.