

Annex I

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
Space and Time						
angle (plane)	1		radian		rad	1
	1S		milliradian		mrad	2
	1S		microradian		µrad	3
	1		degree		°	4
	1		minute		'	5
	1		second		"	6
	2	X	grade	1 gon = 0,015 707 96 rad		7
	2		gon		gon	8
solid angle	1		steradian		sr	9
length	1		metre		m	10
breadth	1M		decimetre		dm	11
height	1S		centimetre		cm	12
thickness	1S		micrometre (micron)		µm	13
radius	1S		millimetre		mm	14
radius of curvature	1M		hectometre		hm	15
cartesian coordinates	1S		kilometre		km	16
diameter	1S		nanometre		nm	17
length of path	1S		picometre		pm	18
distance	1S		femtometre		fm	19
	1M		decametre		dam	20
	1		nautical mile	1852 m (exactly)	n mile	21
	1		ångström	10 ⁻¹⁰ m (exactly)	Å	22
	1		astronomical unit	1,495 978 70 x 10 ¹¹ m	AU	23
	1		parsec	3,085 678 x 10 ¹⁶ m	pc	24
	2		fathom	1,828 8 m		25
	2		chain	20,116 8 m	ch	26
	2		inch	25,4 mm (exactly)	in	27
	2		micro-inch		µin	28
	2		foot	0,304 8 m (exactly)	ft	29
	2		yard	0,914 4 m (exactly)	yd	30
	2		mile (statute mile)	1 609,344 m (exactly)	mile	31
	2		milli-inch		mil	32
	2		light year	9,460 53 x 10 ¹⁵ m	l.y.	33
area	1		square metre		m ²	34
	1S		square kilometre		km ²	35
	1		are	100 m ² (exactly)	a	36
	1M		decare		daa	37
	1S		hectare	10 ⁴ m ² (exactly)	ha	38
	1S		square centimetre		cm ²	39
	1S		square decimetre		dm ²	40
	1S		square millimetre		mm ²	41

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	2		square inch	6,4516 cm ² (exactly)	in ²	42	
area	2		square foot	0,092 903 04 cm ² (exactly)	ft ²	43	
	2		square yard	0,836 127 36 m ²	yd ²	44	
	2		square mile	2,589 988 km ²	mile ²	45	
	2		acre	4046,856 m ²	acre	46	
volume	1		cubic metre		m ³	47	
	1M		mega litre		Ml	48	
	1		litre	10 ⁻³ m ³ (exactly)	l	49	
	1S		cubic millimetre		mm ³	50	
	1S		cubic centimetre		cm ³	51	
	1S		cubic decimetre		dm ³	52	
	1S		millilitre		ml	53	
	1S		hectolitre		hl	54	
	1S		centilitre		cl	55	
	1M		decilitre		dl	56	
	1M		microlitre		µl	57	
	1M		kilolitre		kl	58	
	1M		decalitre		dal	59	
	2		standard cubic foot				60
	2		cubic inch	16,387 064 cm ³ (exactly)	in ³	61	
	2		cubic foot	28,316 85 dm ³ (exactly)	ft ³	62	
	2		cubic yard	0,764 555 m ³	yd ³	63	
	2		gallon (UK)	4,546 092 dm ³ (exactly)	gal (UK)	64	
	2		gallon (US)	3,785 412 dm ³	gal (US)	65	
	2		pint (US)			66	
	2		pint (UK)	0,568 261 25 dm ³ (exactly)	pt (UK)	67	
	2		quart (UK)	1,136 523 dm ³	qt (UK)	68	
	2		liquid pint (US)	0,473 176 5 dm ³	liq pt (US)	69	
	2		liquid quart (US)	0,946 353 dm ³	liq qt (US)	70	
	2		dry pint (US)	0,550 610 5 dm ³	dry pt (US)	71	
	2		fluid ounce (UK)	28,4131 3 cm ³	fl oz (UK)	72	
	2		quart (US)			73	
	2		fluid ounce (US)	29,5735 cm ³	fl oz (US)	74	
	2		bushel (UK)	36,368 72 dm ³	bushel (UK)	75	
	2		bushel (US)	35,239 07 dm ³	bu (US)	76	
	2		barrel (US) (petroleum etc.)	158,987 3 dm ³	barrel (US)	77	
	2		dry barrel (US)	115,627 1 dm ³	bbbl (US)	78	
2		dry gallon (US)	4,404 884 dm ³	dry gal (US)	79		
2		dry quart (US)	1,101 221 dm ³	dry qt (US)	80		
time	1		second		s	81	
	1		minute	60 s	min	82	

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	1		hour	3600 s	h	83
time	1		day	86 400 s	d	84
	1S		kilosecond		ks	85
	1S		millisecond		ms	86
	1S		microsecond		µs	87
	1S		nanosecond		ns	88
	2		week			89
	2		month			90
	2		year		a	91
	2		tropical year	31 556 926 s	a _{trop}	92
angular velocity	1		radian per second		rad/s	93
angular acceleration	1		radian per second squared		rad/s ²	94
velocity	1		metre per second		m/s	95
phase velocity	1S		kilometre per hour	0,277 778 m/s	km/h	96
group velocity	1S		millimetre per second		mm/s	97
	1S		centimetre per second		cm/s	98
	1M		metre per minute		m/min	99
	1		knot	0,514 444 m/s	kn	100
	2		foot per minute		ft/min	101
	2		inch per second (vibration)		in/s	102
	2		inch per second (linear speed)		in/s	103
	2		foot per second	0,304 8 m/s (exactly)	ft/s	104
	2		mile per hour	0,447 04 m/s (exactly)	mile/h	105
	acceleration	1		metre per second squared		m/s ²
acceleration of free fall	1S		gal	0,01m/s ² (exactly)	Gal	107
acceleration due to gravity	1M		milligal		mGal	108
	2		foot per second squared	0,304 8 m/s ² (exactly)	ft/s ²	109
	2		inch per second squared (acceleration)		in/s ²	110
	2		inch per second squared (vibration acceleration)		in/s ²	111
curvature	1		reciprocal metre		m ⁻¹	112
Periodic and related phenomena						
frequency	1		hertz		Hz	114
	1S		kilohertz		kHz	115
	1S		megahertz		MHz	116
	1S		terahertz		THz	117
	1S		gigahertz		GHz	118
rotational frequency	1		reciprocal second		s ⁻¹	119

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Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	1		revolutions per second		r/s	120
	1		revolutions per minute		r/min	121
	1S		reciprocal minute		min ⁻¹	122
angular frequency,	1		radian per second		rad/s	123
pulsatance	1		reciprocal second		s ⁻¹	124
	1					
wavelength	1		metre		m	125
	1		ångström		Å	126
wave number, attenuation coefficient, phase coefficient, propagation coefficient, repetency	1		reciprocal metre		m ⁻¹	127
level of a field quantity,	1		neper		Np	128
level of a power quantity	1		decibel	0,115 129 3 Np	dB	129
damping coefficient	1		reciprocal second		s ⁻¹	130
	1		neper per second		Np/s	131
logarithmic decrement	1		neper		Np	132

Mechanics						
mass	1S		microgram		µg	135
	1M		decagram		dag	136
	1M		decigram		dg	137
	1		kilogram		kg	138
	1S		gram		g	139
	1M		centigram		cg	140
	1S		tonne (metric ton)	1000 kg	t	141
	1M		decitonne		dt	142
	1S		milligram		mg	143
	1M		hectogram		hg	144
	1M		kilotonne		kt	145
	1S		megagram		Mg	146
	2		pound	0,453 592 37 kg (exactly)	lb	147
	2		grain	64,798 91 mg (exactly)	gr	148
	2		ounce	28,349 5 g	oz	149
	2		hundred weight (UK)	50,802 35 kg	cwt (UK)	150
	2		hundred pounds (cwt)/ hundred weight (US)	45,359 2 kg	cwt (US)	151
	2		ton (UK) or longton (US)	1,016 04 7 tonne	ton (UK)	152
	2		stone (UK)	6,350 293 kg		153
	2		ton (US) or short ton (UK/US)	0,907 184 7 tonne	ton (US)	154
	2		troy ounce or apothecaries' ounce	31, 103 476 8 g	tr oz	155

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Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
density, mass density, volumic mass	1		kilogram per cubic metre		kg/m ³	156
	1S		gram per cubic centimetre	1000 kg/m ³	g/cm ³	157
	1S		tonne per cubic metre	1000 kg/m ³	t/m ³	158
density, mass density, volumic mass	1S		gram per millilitre	1000 kg/m ³	g/ml	159
	1S		kilogram per litre	1000 kg/m ³	kg/l or kg/L	160
	1S		gram per litre		g/l	161
	1M		gram per cubic metre		g/m ³	162
	1M		milligram per cubic metre		mg/m ³	163
	1S		megagram per cubic metre	1000 kg/m ³	Mg/m ³	164
	1S		kilogram per cubic decimetre	1000 kg/m ³	kg/dm ³	165
	1M		milligrams per litre		mg/l	166
	1M		microgram per cubic meter		µg/m ³	167
	2		pound per cubic foot	16,018 5 kg/m ³	lb/ft ³	168
	2		pound per gallon (US)		lb/gal (US)	169
2		pound per cubic inch		lb/in ³	170	
relative density, relative mass density	1		one		1	171
specific volume, massic volume	1		cubic metre per kilogram		m ³ /kg	172
	1M		decilitre per gram		dl/g	173
	1M		millilitre per kilogram		ml/kg	174
linear density, linear mass	1		kilogram per metre		kg/m	175
	1M		gram per meter (gram per 100 centimetres)		g/m	176
	1M		kilograms per millimeter		kg/mm	177
	1S		milligram per metre		mg/m	178
	2		pound per foot		lb/ft	179
	2		pound per inch of length		lb/in	180
surface density, areic mass	1		milligrams per square metre		mg/m ²	181
	1M		gram per square centimetre		g/cm ²	182
	1M		gram per square metre		g/m ²	183
	1M		kilogram per square metre		kg/m ²	184
	2		ounce per square yard		oz/yd ²	185
	2		ounce per square foot		oz/ft ²	186
momentum	1		kilogram metre per second		kg · m/s	187
moment of momentum, angular momentum	1		kilogram metre squared per second		kg · m ² /s	188
moment of inertia (dynamic moment of inertia)	1		kilogram metre squared		kg · m ²	189

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Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
force, weight	1		newton		N	190
	1S		meganewton		Mn	191
	1S		kilonewton		kN	192
	1S		millinewton		mN	193
	1S		micronewton		μ N	194
force, weight	2	X	dyne	10^{-5} N(exactly)	dyn	195
	2		pound-force	4,448 222 N	lbf	196
	2	X	kilogram-force	9,806 65 N (exactly)	kgf	197
	2	X	kilopond	9,806 65 N	kp	198
gravitational constant	1		newton metre squared kilogram squared		$N \cdot m^2/kg^2$	199
moment of force, moment of a couple, torque	1		newton metre		$N \cdot m$	200
	1S		meganewton metre		$MN \cdot m$	201
	1S		kilonewton metre		$kN \cdot m$	202
	1S		millinewton metre		$mN \cdot m$	203
	1S		micronewton metre		$\mu N \cdot m$	204
	1S		decinewton metre		$dN \cdot m$	205
	2		foot pound-force	1,355 818 $N \cdot m$	ft·lbf	206
	2	X	kilogram-force metre	9,806 65 $N \cdot m$ (exactly)	kgf·m	207
	2		inch pound (pound inch)		in·lb	208
	2		ounce inch		oz·in	209
	2		ounce foot		oz·ft	210
impulse	1		newton second		$N \cdot s$	211
angular impulse	1		newton metre second		$N \cdot m \cdot s$	212
pressure, normal stress, shear stress, modulus of elasticity, shaer modulus, modulus of rigidity, bulk modulus, modulus of compression	1S		millipascal		mPa	213
	1S		megapascal		MPa	214
	1		pascal		Pa	215
	1S		kilopascal		kPa	216
	1		bar	10^5 Pa(exactly)	bar	217
	1M		hectobar		hbar	218
	1S		millibar		mbar	219
	1M		kilobar		kbar	220
	1		standard atmosphere	1 013 25 Pa (exactly)	atm	221
	1S		gigapascal		GPa	222
	1S		micropascal		μ Pa	223
	1S		hectopascal		hPa	224
	1S		microbar		μ bar	225
	1S		newton per square metre	1 Pa	N/m^2	226
	1S		newton per square millimetre	1 MPa	N/mm^2	227

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Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
pressure, normal stress, shear stress, modulus of elasticity, shaer modulus, modulus of rigidity, bulk modulus, modulus of compression	2		pound per square foot		lb/ft ²	228
	2		pound-force per square inch	689 4,757 Pa	lbf/in	229
	2	X	kilogram-force per square metre	9,806 65 Pa (exactly)	kgf/m ²	230
	2	X	torr	133,322 4 Pa	Torr	231
	2	X	technical atmosphere	98 066,5 Pa (exactly)	at	232
	2		pounds per square inch absolute		lb/in ²	233
	2	X	conventional millimetre of water	9,806 65 Pa (exactly)	mm H ₂ O	234
	2		kilogram per square centimeter			235
	2	X	conventional millimetre of mercury	133,322 4 Pa	mm Hg	236
linear strain, relative elongation	1		one		1	237
shear strain					1	
volume or bulk strain					1	
poisson ratio, poisson number	1		one		1 1	240
compressibility, bulk compressibility	1		reciprocal pascal or pascal to the power minus one		Pa ⁻¹	242
second moment of area, second axial moment of area	1		metre to the fourth power		m ⁴	243
second polar moment of area	2		inch to the fourth power	41,623 14 x10 ⁻⁸ m ⁴	in ⁴	244
section modulus	1		metre cubed		m ³	245
	2		inch cubed	16,387 064 x10 ⁻⁶ m ³	in ³	246
friction factor, coefficient of friction	1		one		1	247
viscosity (dynamic viscosity)	1		pascal second		Pa·s	249
	1S		millipascal second		mPa·s	250
	2		poise	0,1 Pa·s (exactly)	P	251
	2		centipoise		cP	252
kinematic viscosity	1		metre squared per second (square metres/second US)		m ² /s	253
	1S		millimetre squared per second		mm ² /s	254
	2		stokes	10 ⁻⁴ m ² /s (exactly)	St	255
	2		centistokes		cSt	256
	2		foot squared per second	0,092 903 04 m ² /s	ft ² /s	257

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Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
surface tension	1		newton per metre		N/m	258
	1S		millinewton per metre		mN/m	259
	2	X	dyne per centimetre	10^{-3} N/m	dyn/cm	260
work energy potential energy kinetic energy	1		joule		J	261
	1S		kilojoule		kJ	262
	1S		exajoule		EJ	263
	1S		petajoule		PJ	264
	1S		terajoule		TJ	265
	1S		gigajoule		GJ	266
	1S		megajoule		MJ	267
	1S		millijoule		mJ	268
	1S		femtojoule		fJ	269
	1S		attojoule		aJ	270
	1		watt hour	$3,6 \times 10^3$ J (exactly)	W·h	271
	1S		megawatt hour (1000 kW·h)		MW·h	272
	1S		kilowatt hour		kW·h	273
	1S		gigawatt hour		GW·h	274
	1S		terawatt hour		TW·h	275
	1		electronvolt	$1,602\ 177\ 33 \times 10^{-19}$ J	eV	276
	1S		megaelectronvolt		MeV	277
	1S		gigaelectronvolt		GeV	278
	1S		kiloelectronvolt		keV	279
	2	X	erg	10^{-7} J (exactly)	erg	280
2		foot pound-force	1,355 818 J	ft·lbf	281	
2	X	kilogram-force metre	9,806 65 J (exactly)	kgf·m	282	
power	1		watt		W	283
	1S		kilowatt		kW	284
	1S		megawatt	10^7 W (exactly)	MW	285
	1S		gigawatt		GW	286
	1S		milliwatt		mW	287
	1S		microwatt		μ W	288
	2		hydraulic horse power			289
	2	X	erg per second	10^{-7} W (exactly)	erg/s	290
	2		foot pound-force per second	1,355 82 W	ft·lbf/s	291
	2	X	kilogram-force metre per second	9,806 65 W (exactly)	kgf·m/s	292
	2	X	metric horse power	735,498 75 W	metric hp	293
	2	X	cheval vapeur		CV	294
	2		brake horse power	245,7 W	BHP	295
mass flow rate	1		kilogram per second		kg/s	296
	1M		milligram per hour		mg/h	297
	2		ton(US) per hour		ton(US)/h	298

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	2		pound per hour		lb/h	299
volume flow rate	1		cubic metre per second		m ³ /s	300
	1M		cubic metre per hour		m ³ /h	301
	1M		millilitre per second		ml/s	302
	1M		millilitre per minute		ml/min	303
	1M		litre per day			304
	1S		cubic centimetre per second		cm ³ /s	305
	1M		kilolitre per hour		kl/h	306
volume flow rate	1M		litre per minute		l/min	307
	2		cubic foot per hour		ft ³ /h	308
	2		cubic foot per minute		ft ³ /min	309
	2		barrel per minute		barrel (US)/m	310
	2		US gallon per minute		gal(US)/min	311
	2		Imperial gallon per minute		gal(UK)/min	312

Heat						
thermodynamic temperature	1		kelvin		K	314
	2		degree Rankin	⁵ / ₉ K	°R	315
celsius temperature	1		degree Celsius		°C	316
fahrenheit temperature	2		degree Fahrenheit		°F	317
linear expansion coefficient, cubic expansion coefficient, relative pressure coefficient	1		reciprocal kelvin or kelvin to the power minus one		K ⁻¹	318
pressure coefficient	1		pascal per kelvin		Pa/K	319
isothermal compressibility, isentropic compressibility	1		reciprocal pascal or pascal to the power minus one		Pa ⁻¹	320
heat, quantity of heat, energy, thermodynamic energy, enthalpy, Helmholtz function, Helmholtz free energy Gibbs function, Gibbs free energy	1		joule		J	321
	2		British thermal unit	1055,056 J	Btu	322
	2	X	15 °C calorie	4,185 5 J	cal ₁₅	323
	2	X	International Table (IT) calorie	4,186 8 J	cal _{IT}	324
	2	X	thermochemical calorie	4,184 J (exactly)	cal _{th}	325
heat flow rate	1		watt		W	326
	1S		kilowatt		kW	327
	2		British thermal unit per hour	0,293 071 1 N	Btu/h	328

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density of heat flow rate	1		watt per square metre		W/m ²	329
thermal conductivity	1		watt per metre kelvin		W/(m·K)	330
	2		British thermal unit per second foot degree Rankin	6 230,64 W/(m·K)	Btu/(s·ft·°R)	331
	2	X	International Table (IT) calorie per second centimetre kelvin	418,68 W/(m·K) (exactly)	cal _{IT} /(s·cm·K)	332
thermal conductivity	2	X	thermochemical calorie per second centimetre kelvin	418,4 W/(m·K) (exactly)	cal _{th} /(s·cm·K)	333
coefficient of heat transfer	1		watt per square metre kelvin		W/(m ² ·K)	334
surface coefficient of heat transfer	2	X	International Table (IT) calorie per second square centimetre kelvin	4,186 8x10 ⁴ W/(m ² ·K) (exactly)	cal _{IT} /(s·cm ² ·K)	335
	2	X	thermochemical calorie per second square centimetre kelvin	4,184x10 ⁴ W/(m ² ·K) (exactly)	cal _{th} /(s·cm ² ·K)	336
	2		British thermal unit per second square foot degree Rankin	20 441,7 W/(m ² ·K)	Btu/(s·ft ² ·°R)	337
	2		British thermal unit per hour square foot degree Rankin	5,678 26 W/(m ² ·K)	Btu/(h·ft ² ·°R)	338
thermal insulance, coefficient of thermal insulation	1		square metre kelvin per watt		m ² ·K/W	339
thermal resistance	1		kelvin per watt		K/W	340
thermal conductance	1		watt per kelvin		W/K	341
thermal diffusivity	1		square metre per second		m ² /s	342
	2		square foot per second	0,092 903 04 m ² /s(exactly)	ft ² /s	343
heat capacity, entropy	1		joule per kelvin		J/K	344
	1S		kilojoule per kelvin		kJ/K	345
specific heat capacity, massic heat capacity,	1		joule per kilogram kelvin		J/(kg·K)	346
specific heat capacity at:	1S		kilojoule per kilogram kelvin		kJ/(kg·K)	347
	2		British thermal unit per pound degree Rankin	4 186,8J/(kg·K) (exactly)	Btu/(lb·°R)	348
	2	X	International Table (IT) calorie per gram kelvin	4 186,8 J/(kg·K) (exactly)	cal _{IT} /(g·K)	349
specific entropy, massic entropy	2	X	thermochemical calorie per gram kelvin	4 184 J/(kg·K) (exactly)	cal _{th} /(g·K)	350
ratio of the specific heat capacities, ratio of the massic heat capacity	1		one		1	351

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
isentropic exponent					1	
massieu function	1		joule per kelvin		J/K	353
planck function						
massic energy, specific energy	1		joule per kilogram		J/kg	354
massic thermodynamic energy,	1S		joule per gram		J/g	355
specific thermodynamic energy,	1S		megajoule per kilogram		MJ/kg	356
massic enthalpy, specific enthalpy	1S		kilojoule per kilogram		kJ/kg	357
massic Helmholtz free energy,	2		British thermal unit per pound	2 326 J/kg (exactly)	Btu/lb	358
specific Helmholtz free energy	2	X	International Table (IT) calorie per gram	4 186,8 J/kg (exactly)	cal _{IT} /g	359
specific Helmholtz function,	2	X	thermochemical calorie per gram	4 184 J/kg (exactly)	cal _{th} /g	360
massic Gibbs free energy,						
specific Gibbs free energy,						
Electricity and Magnetism						
electric current	1		ampere		A	364
magnetic potential difference,	1S		kiloampere		kA	365
magnetomotive force	1S		milliampere		mA	366
current linkage	1S		microampere		μA	367
	1S		nanoampere		nA	368
	1S		picoampere		pA	369
electric charge, quantity of	1		coulomb		C	370
electricity	1		ampere second	1 C	A·s	371
electric flux	1M		ampere hour	3,6 kC (exactly)	A·h	372
(flux of displacement)	1M		kiloampere hour (thousand ampere hour)		kA·h	373
	1S		megacoulomb		MC	374
	1S		millicoulomb		mC	375
	1S		kilocoulomb		kC	376
	1S		microcoulomb		μC	377
	1S		nanocoulomb		nC	378
	1S		picocoulomb		pC	379

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
volume density of charge, charge density, volumic charge	1		coulomb per cubic metre		C/m ³	380
	1S		gigacoulomb per cubic metre	1 GC/m ³	GC/m ³	381
	1S		coulomb per cubic millimetre	1 GC/m ³	C/mm ³	382
	1S		megacoulomb per cubic metre	1 MC/m ³	MC/m ³	383
	1S		coulomb per cubic centimetre	1 MC/m ³	C/cm ³	384
volume density of charge, charge density, volumic charge	1S		kilocoulomb per cubic metre		kC/m ³	385
	1S		millicoulomb per cubic metre		mC/m ³	386
	1S		microcoulomb per cubic metre		μC/m ³	387
surface density of charge, electric flux density, displacement electric polarization	1		coulomb per square metre		C/m ²	388
	1S		megacoulomb per square metre	1 MC/m ²	MC/m ²	390
	1S		coulomb per square millimetre	1 MC/m ²	C/mm ²	392
	1S		coulomb per square centimetre		C/cm ²	393
	1S		kilocoulomb per square metre		kC/m ²	394
	1S		millicoulomb per square metre		mC/m ²	395
	1S		microcoulomb per square metre		μC/m ²	396
electric field strength	1		volt per metre		V/m	397
	1S		megavolt per metre		MV/m	398
	1S		kilovolt per metre	1 kV/m	kV/m	399
	1S		volt per millimetre	1 kV/m	V/mm	400
	1S		volt per centimetre		V/cm	401
	1S		millivolt per metre		mv/m	402
	1S		microvolt per metre		μv/m	403
electric potential, potential difference, tension, voltage, electromotive force	1		volt		V	404
	1S		megavolt		MV	405
	1S		kilovolt		kV	406
	1S		millivolt		mv	408
	1S		microvolt		μv	409

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
capacitance	1		farad		F	410
	1S		millifarad		mF	411
	1S		microfarad		μ F	412
	1S		nanofarad		nF	413
	1S		picofarad		pF	414
frequency rotational frequency angular frequency			Note: see periodic and related phenomena			
permittivity, permittivity of vacuum, (electric constant)	1		farad per metre		F/m	416
	1S		microfarad per metre		μ F/m	417
(electric constant)	1S		nanofarad per metre		nF/m	418
	1S		picofarad per metre		pF/m	419
relative permittivity	1		one		1	420
electric susceptibility	1		one		1	421
electric dipole moment	1		coulomb metre		C·m	422
current density	1		ampere per square metre		A/m ²	423
	1S		megaampere per square metre		MA/m ²	424
	1S		ampere per square millimetre		A/mm ²	425
	1S		ampere per square centimetre		A/cm ²	426
	1S		kiloampere per square metre		kA/m ²	427
linear electric current density, lineic electric current	1		ampere per metre		A/m	428
magnetic field strength	1S		kiloampere per metre	1 kA/m	kA/m	429
	1S		ampere per millimetre	1 kA/m	A/mm	430
magnetic flux density, magnetic induction	1		tesla		T	432
	1S		millitesla		mT	433
	1S		microtesla		μ T	434
magnetic polarization	1S		nanotesla		nT	435
	1		weber		Wb	436
magnetic flux	1S		milliweber		mWb	437
	1		weber per metre		Wb/m	438
magnetic vector potential	1S		kiloweber per metre		kWb/m	439
	1S		weber per millimetre		Wb/mm	440
self inductance mutual inductance	1		henry		H	441
	1S		millihenry		mH	442
permeance	1S		microhenry		μ H	443
	1S		nanohenry		nH	444
	1S		picohenry		pH	445

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
coupling coefficient	1		one		1	446
leakage coefficient					1	
number of turns in a winding	1		one		1	448
number of phases					1	
number of pairs of poles					1	
permeability	1		henry per metre		H/m	451
permeability of vacuum, magnetic constant	1S		microhenry per metre		$\mu\text{H/m}$	452
	1S		nanoHenry per metre		nH/m	453
relative permeability	1		one		1	454
magnetic susceptibility	1		one		1	455
electromagnetic moment, magnetic moment, (magnetic area moment)	1		ampere square metre		$\text{A}\cdot\text{m}^2$	456
magnetization	1		ampere per metre		A/m	457
electromagnetic energy density, volumic electromagnetic energy	1		joule per cubic metre		J/m^3	458
Poynting vector	1		watt per square metre		W/m^2	460
phase velocity of electromagnetic waves, phase speed of electromagnetic waves velocity of electromagnetic waves in vacuum, speed of electromagnetic waves in vacuum	1		metre per second (see velocity - space and time)		m/s	461
resistance (to direct current)	1		ohm		Ω	463
impedance, (complex impedances)	1S		gigaohm		$\text{G}\Omega$	464
modulus of impedance	1S		megaohm		$\text{M}\Omega$	465
resistance (to alternating current)	1S		kiloohm		$\text{k}\Omega$	466
reactance	1S		microohm		$\mu\Omega$	467
conductance (for direct current)	1		siemens	1 S	S	468
admittance, (complex admittance)	1S		kilosiemens		kS	469
modulus of admittance, (admittance)	1S		millisiemens		mS	470

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
conductance (for alternating current) susceptance	1S		microsiemens		μS	471
	2	X	mho	1 S		472
	2	X	micromho			473
resistivity	1		ohm metre		$\Omega\cdot\text{m}$	474
	1S		gigaohm metre		$\text{G}\Omega\cdot\text{m}$	475
	1S		megaohm metre		$\text{M}\Omega\cdot\text{m}$	476
	1S		kiloohm metre		$\text{k}\Omega\cdot\text{m}$	477
	1S		ohm centimetre		$\Omega\cdot\text{cm}$	478
	1S		milliohm metre		$\text{m}\Omega\cdot\text{m}$	479
	1S		microohm metre		$\mu\Omega\cdot\text{m}$	480
	1S		nanoohm metre		$\text{n}\Omega\cdot\text{m}$	481
conductivity	1		siemens per metre		S/m	482
	1S		megasiemens per metre		MS/m	483
reluctance	1S		kilosiemens per metre		kS/m	484
	1		reciprocal henry		H^{-1}	486
phase difference phase displacement loss angle	1		radian		rad	487
power (for direct current) active power	1		watt		W	490
	1S		kilowatt		kW	491
	1S		megawatt		MW	492
	1S		gigawatt		GW	493
	1S		terawatt		TW	494
	1S		milliwatt		mW	495
	1S		microwatt		μW	496
	1S		nanowatt		nW	497
apparent power	1		volt - ampere		$\text{V}\cdot\text{A}$	499
	1S		megavolt - ampere		$\text{MV}\cdot\text{A}$	500
	1S		kilovolt - ampere		$\text{kV}\cdot\text{A}$	501
	1S		kilovolt ampere (reactive)			502
reactive power	1		var		var	503
	1S		kilovar		kvar	504
active energy	1		joule		J	505
	1		watt hour		$\text{W}\cdot\text{h}$	506
Light and Related Electromagnetic Radiations						
frequency	1		hertz		Hz	507
circular frequency	1		reciprocal second		s^{-1}	508

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	1		radian per second		rad/s	509
wavelength	1		metre		m	510
	1			10^{-10} m (exactly)	Å	511
wavenumber, repetency	1		reciprocal metre		m^{-1}	512
angular wave number, angular repetency	1		radian per metre		rad/m	513
velocity (speed) on propagation of electromagnetic waves in vacuo	1		metre per second		m/s	514
radiant energy	1		joule		J	515
radiant energy density	1		joule per cubic metre		J/m^3	516
	1M		megajoule per cubic metre		MJ/m^3	517
spectral concentration of radiant energy density (in terms of wavelength), spectral radiant energy density (in terms of wave length)	1		joule per metre to the fourth power		J/m^4	518
radiant power, (radiant energy flux)	1		watt		W	519
radiant energy fluence radiance exposure	1		joule per metre squared		J/m^2	520
photon flux	1		reciprocal second		s^{-1}	522
photon intensity	1		reciprocal second per steradian		s^{-1}/sr	523
photon luminance, photon radiance	1		reciprocal second per steradian metre squared		$s^{-1}/(sr \cdot m^2)$	524
photon exitance, irradiance	1		reciprocal second per metre squared		s^{-1}/m^2	525
photon exposure	1		reciprocal metre squared		m^{-2}	526
radiant energy, fluence rate radiant exitance irradiance first radiation constant	1		watt per square metre		W/m^2	527
radiant intensity	1		watt per steradian		W/sr	531
radiance	1		watt per steradian square metre		$W/(sr \cdot m^2)$	532
Stefan - Boltzmann constant	1		watt per square metre kelvin to the fourth power		$W/(m^2 \cdot K^4)$	533
second radiation constant	1		metre kelvin		mK	534
emissivity spectral emissivity	1		one		1	535

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
emissivity at a specified wavelength					1	
directional spectral emissivity					1	
luminous intensity	1		candela		cd	539
luminous flux	1		lumen		lm	540
quantity of light	1		lumen second		lms	541
	1S		lumen hour		lmh	542
luminance	1		candela per square metre		cd/m ²	543
luminous exitance	1		lumen per square metre		lm/m ²	544
illuminance	1		lux		lx	545
light exposure	1		lux second		lx.s	546
	1S		lux hour	3 600 lx.s	lx.h	547
luminous efficacy	1		lumen per watt		lm/W	548
spectral luminous efficacy, luminous efficacy at a specified wavelength, maximum spectral luminous efficacy						
luminous efficiency	1		one		1	550
spectral luminous efficiency, luminous efficiency at a specified wavelength						
CIE colorimetric functions	1		one		1	552
coordinates trichromatic	1		one		1	553
spectral absorption factor, spectral absorptance	1		one		1	554
spectral reflection factor, spectral reflectance						
spectral transmission factor, spectral transmittance						
spectral radiance factor						
optical density	1		one		1	558
refractive index	1		one		1	559
linear attenuation coefficient, linear extinction coefficient	1		reciprocal metre		m ⁻¹	560
linear absorption coefficient						

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
molar absorption coefficient	1		square metre per mole		m ² /mol	562
object distance image distance focal distance	1		metre		m	564
vergence, lens power	1		reciprocal metre		m ⁻¹	566
Acoustics						
period, periodic time	1		second		s	567
frequency	1		hertz		Hz	569
frequency interval	1		octave			570
angular frequency, pulsatance	1		reciprocal second		s ⁻¹	571
	1		radian per second		rad/s	572
wavelength	1		metre		m	573
repetency, wavenumber	1		reciprocal metre		m ⁻¹	574
angular repetency, angular wavenumber	1		radian per metre		rad/m	575
volumic mass, density, mass density	1		kilogram per cubic metre		kg/m ³	576
static pressure, (instantaneous) sound pressure	1		pascal		Pa	577
	1		bar	10 ⁵ Pa (exactly)	bar	578
	2	X	dyne per square centimetre	10 ⁻¹ Pa (exactly)	dyn/cm ²	579
(instantaneous) sound particle displacement	1		metre		m	580
(instantaneous) sound particle velocity	1		metre per second		m/s	581
(instantaneous) sound particle acceleration	1		metre per second squared		m/s ²	582
(instantaneous) volume flow rate,	1		cubic metre per second		m ³ /s	583
velocity of sound (phase velocity) group velocity	1		metre per second		m/s	584
sound energy density, volumic sound energy	1		joule per cubic metre		J/m ³	586
	2	X	erg per cubic centimetre	10 ⁻¹ J/m ³ (exactly)	erg/cm ³	587
sound power	1		watt		W	588
	2	X	erg per second	10 ⁻⁷ W (exactly)	erg/s	589
sound intensity	1		watt per square metre		W/m ²	590
	1S		milliwatt per square metre		mW/m ²	591
	1S		microwatt per square metre		μW/m ²	592

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	1S		picowatt per square metre		$\mu\text{W}/\text{m}^2$	593
	2	X	erg per second square centimetre	$10^{-3} \text{ W}/\text{m}^2$ (exactly)	$\text{erg}/(\text{s}\cdot\text{m}^2)$	594
characteristic impedance of a medium	1		pascal second per metre		$\text{Pa}\cdot\text{s}/\text{m}$	595
surface density of mechanical impedance	2	X	dyn second per cubic centimetre	$10 \text{ Pa}\cdot\text{s}/\text{m}$ (exactly)	$\text{dyn}\cdot\text{s}/\text{cm}^3$	596
acoustic impedance	1		pascal second per cubic metre		$\text{Pa}\cdot\text{s}/\text{m}^3$	597
	2	X	dyne second per centimetre to the fifth	$10^5 \text{ Pa}\cdot\text{s}/\text{m}^3$ (exactly)	$\text{dyn}\cdot\text{s}/\text{cm}^5$	598
mechanical impedance	1		newton second per metre		$\text{N}\cdot\text{s}/\text{m}$	599
	2	X	dyne second per centimetre	$10^{-3} \text{ N}\cdot\text{s}/\text{m}$	$\text{dyn}\cdot\text{s}/\text{cm}$	600
sound pressure level sound power level	1		decibel		dB	601
damping coefficient	1		reciprocal second neper per second		s^{-1} Np/s	602 603
time constant, relaxation time	1		second		s	604
logarithmic decrement	1		neper		Np	605
attenuation coefficient phase coefficient propagation coefficient	1		reciprocal metre		m^{-1}	606
dissipation factor, dissipance reflection factor, reflectance transmission factor, transmittance absorption factor, absorbance	1		one		1 1 1 1	607
sound reduction index	1		decibel		dB	611
equivalent absorption area of a surface or object	1		square metre		m^2	612
reverberation time	1		second		s	613
loudness level	1		phon			614
loudness	1		sone			615

Physical Chemistry and Molecular Physics						
relative atomic mass	1		one		1	616
relative molecular mass	1		one		1	617
number of molecules or other elementary entities	1		one		1	618

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
amount of substance	1		mole		mol	619
	1S		kilomole		kmol	620
	1S		millimole		mmol	621
	1S		micromole		μmol	622
Avogadro constant	1		reciprocal mole		mol^{-1}	623
molar mass	1		kilogram per mole		kg/mol	624
	1S		gram per mole		g/mol	625
molar volume	1		cubic metre per mole		m^3/mol	626
	1S		cubic decimetre per mole	1 dm^3/mol	dm^3/mol	627
	1S		cubic centimetre per mole		cm^3/mol	628
	1M		litre per mole	1 dm^3/mol	l/mol	629
molar thermodynamic energy	1		joule per mole		J/mol	630
	1S		kilojoule per mole		kJ/mol	631
chemical potential	1		joule per mole		J/mol	632
absolute activity	1		one		1	633
affinity (of a chemical reaction)	1		joule per mole		J/mol	634
standard equilibrium constant	1		one		1	635
molar heat capacity molar entropy molar gas constant	1		joule per mole kelvin		J/(mol·K)	636
volumic number of molecules (or particles), number density of molecules (or particles) molecular concentration of B	1		reciprocal cubic metre		m^{-3}	639
volumic mass, mass density, density	1		kilogram per cubic metre		kg/m^3	642
mass concentration of B	1		kilogram per litre		kg/l or kg/L	643
concentration of B, amount of substance, concentration of B	1		mole per cubic metre		mol/m^3	644
	1		mole per litre	1 mol/dm^3	mol/l	645
	1S		mole per cubic decimetre		mol/dm^3	646
	1S		kilomole per cubic metre		kmol/m^3	647
volume fraction of B	1		one		1	648
mole fraction of B mole ratio of solute B	1		one		1	649
molality of solute B	1		mole per kilogram		mol/kg	651
ionic strength	1S		millimole per kilogram		mmol/kg	652
degree of dissociation	1		one		1	653
partial pressure of B (in a gaseous mixture)	1		pascal		Pa	654

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
fugacity of B (in a gaseous mixture) osmotic pressure						
standard absolute activity of B (in a gaseous mixture)	1		one		1	657
activity coefficient of B (in a liquid as a solid mixture) standard absolute activity of B (in a liquid or a solid mixture)	1		one		1	658
activity of solute B, relative activity of solute B (especially in a dilute liquid solution)	1		one		1	660
activity coefficient of solute B (especially in a dilute solution)	1		one		1	661
standard absolute activity of solute B (especially in a dilute solution)						
activity of solvent A, relative activity of solvent A (especially in a dilute solution) osmotic coefficient of the solvent A (especially in a dilute solution) standard absolute activity of solvent A (especially in a dilute solution)	1		one		1	663
stoichiometric number of B	1		one		1	666
mass of molecule	1		kilogram		kg	667
	1		unified atomic mass unit	1,660 540 2 x 10 ⁻²⁷ kg	u	668
electric dipole moment of molecule	1		coulomb metre		C·m	669
electric polarizability of a molecule	1		coulomb metre squared per volt		C·m ² /V	670

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
microcanonical partition function canonical partition function grand-canonical partition function, grand partition function molecular partition function, partition function of a molecule	1		one		1	671
statistical weight	1		one		1	675
Boltzmann constant	1		joule per kelvin		J/K	676
mean free path	1		metre		m	677
diffusion coefficient	1		square metre per second		m ² /s	678
thermal diffusion ratio thermal diffusion factor	1		one		1	679
thermal diffusion coefficient	1		square metre per second		m ² /s	681
proton number	1		one		1	682
elementary charge	1		coulomb		C	683
charge number of ion	1		one		1	684
Faraday constant	1		coulomb per mole		C/mol	685
electrolytic conductivity	1		siemens per metre		S/m	686
molar conductivity	1		siemens square metre per mole		S·m ² /mol	687
transport number of ion B, current fraction of ion B	1		one		1	688
angle of optical rotation	1		radian		rad	689
molar optical rotatory power	1		radian meter squared per mole		rad·m ² /mol	690
massic optical rotatory power, specific optical rotatory power	1		radian metre squared per kilogram		rad·m ² /kg	691
Atomic and Nuclear Physics						
proton number, atomic number	1		one		1	692
neutron number	1		one		1	693
nucleon number, mass number	1		one		1	694

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
mass of atom (of a nuclide x), nuclidic mass	1		kilogram		kg	695
unified atomic mass constant	1		unified atomic mass unit	$1,660\,540\,2 \times 10^{-27}$ kg	u	696
(rest) mass of electron (rest) mass of proton (rest) mass of neutron	1		one		1	698
mass excess	1		kilogram		kg	701
mass defect	1		unified atomic mass unit	$1,660\,540\,2 \times 10^{-27}$ kg	u	702
relative mass excess relative mass defect	1		one		1	703
packing fraction binding fraction	1		one		1	705
elementary charge	1		coulomb		C	707
Planck constant	1		joule second		J·s	708
Bohr radius	1		metre		m	709
	1		ångström	10^{-10} m (exactly)	Å	710
Rydberg constant	1		reciprocal metre		m^{-1}	711
Hartree energy	1		joule		J	712
magnetic moment of partical or nucleus Bohr magneton nuclear magneton	1		ampere square metre		$A \cdot m^2$	713
gyromagnetic coefficient, (gyromagnetic ratio)	1		ampere square metre per joule second		$A \cdot m^2 / (J \cdot s)$	716
g-factor of atom or electron g-factor of nucleus or nuclear particle	1		one		1	717
Larmor angular frequency	1		reciprocal second		s^{-1}	719
nuclear precession cyclotron angular frequency	1		radian per second		rad/s	720
nuclear quadrupole moment	1		square metre		m^2	722
nuclear radius electron radius Compton wavelength	1		metre		m	723
orbital angular momentum quantum number	1		one		1	726

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
spin angular momentum quantum number	1		one		1	727
total angular momentum quantum number	1		one		1	728
nuclear spin quantum number	1		one		1	729
hyperfine structure quantum number	1		one		1	730
principle quantum number	1		one		1	731
magnetic quantum number	1		one		1	732
fine structure constant	1		one		1	733
mean life half life	1		second		s	734
level width alpha disintegration energy	1		joule		J	736
maximum beta partical energy beta disintegration energy	1		electronvolt	1,602 177 33 x 10 ⁻¹⁹ J	eV	738
internal conversion factor	1		one		1	740
activity	2		curie	3,7 x 10 ¹⁰ Bq (exactly)	Ci	741
	2S		millicurie		mCi	742
	2S		microcurie		μCi	743
activity	2S		kilocurie		kCi	744
	1		becquerel		Bq	745
	1M		gigabecquerel		GBq	746
	1S		kilobecquerel		kBq	747
	1S		megabecquerel		MBq	748
specific activity in a sample	2		curie per kilogram		Ci/kg	749
	1		becquerel per kilogram		Bq/kg	750
	1S		megabecquerel per kilogram		MBq/kg	751
	1S		kilobecquerel per kilogram		kBq/kg	752
volumic activity, activity concentration	1		becquerel per metre cubed		Bq/m ³	753
decay constant, disintegration constant	1		reciprocal second		s ⁻¹	755

Nuclear Reactions and Ionizing Radiations						
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Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
reaction energy	1		joule		J	757
resonance energy	1		electronvolt	$1,602\ 177\ 33 \times 10^{-19} \text{ J}$	eV	758
average energy loss per ion pair formed, (average energy loss per elementary charge of the same sign produced)	2	X	erg	$10^{-7} \text{ J (exactly)}$	erg	759
cross-section	1		square metre		m^2	760
total cross-section	1		barn	$10^{-28} \text{ m}^2 \text{ (exactly)}$	b	761
angular cross-section	1		square metre per steradian		m^2/sr	762
	1		barn per steradian		b/sr	763
spectral cross-section	1		square metre per joule		m^2/J	764
	1		barn per electron volt	$6,241\ 46 \times 10^{-10} \text{ m}^2/\text{J}$	b/eV	765
	2		square centimetre per erg	$10^3 \text{ m}^2/\text{J (exactly)}$	cm^2/erg	766
spectral angular cross-section	1		square metre per steradian joule		$\text{m}^2/(\text{sr}\cdot\text{J})$	767
	1		barn per steradian electron volt,	$6,241\ 46 \times 10^{-10} \text{ m}^2/(\text{sr}\cdot\text{J})$	b/(sr·eV)	768
	2		square centimetre per steradian erg	$10^3 \text{ m}^2/(\text{sr}\cdot\text{J (exactly)})$	$\text{cm}^2/(\text{sr}\cdot\text{erg})$	769
macroscopic cross- section, volumic cross-section, volumic total cross- section, macroscopic total cross- section	1		reciprocal metre		m^{-1}	770
particle fluence	1		reciprocal square metre		m^{-2}	771
particle fluence rate, (partial flux density) neutron fluence rate, (neutron flux density) current density of particles	1		reciprocal metre squared reciprocal second		m^{-2}/s	772
energy fluence	1		joule per square metre		J/m^2	774
energy fluence rate, (energy flux density)	1		watt per square metre		W/m^2	775
	2	X	erg per square centimetre second	$10^{-3} \text{ W}/\text{m}^2 \text{ (exactly)}$	$\text{erg}/(\text{cm}^2\cdot\text{s})$	776
linear attenuation coefficient	1		reciprocal metre		m^{-1}	777
mass attenuation coefficient	1		square metre per kilogram		m^2/kg	778
molar attenuation coefficient	1		square metre per mole		m^2/mol	779

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
atomic attenuation coefficient,	1		square metre		m ²	780
slowing down area diffusion area migration area	1		square metre		m ²	781
half-thickness, half-value thickness	1		metre		m	784
mean linear range mean free path	1		metre		m	786
slowing-down length diffusion length migration length	1		metre		m	788
neutron yield per fission neutron yield per absorption	1		one		1	791
fast fission factor	1		one		1	793
thermal utilization factor	1		one		1	794
non leakage probability	1		one		1	795
multiplication factor infinite medium multiplication factor effective multiplication factor	1		one		1	796
diffusion coefficient for neutron fluence rate, (diffusion coefficient for neutron flux density)	1		metre		m	799
total linear stopping power	1		joule per metre		J/m	800
	1		electronvolt per metre	1,602 177 33 x 10 ⁻¹⁹ J/m	eV/m	801
	2	X	erg per centimetre	10 ⁻⁵ J/m (exactly)	erg/cm	802
total atomic stopping power	1		joule square metre		J·m ²	803
	1		electronvolt square metre	1,602 177 33 x 10 ⁻¹⁹ J·m ²	eV·m ²	804
	2	X	erg square centimetre	10 ⁻¹¹ J·m ² (exactly)	erg·cm ²	805
total mass stopping power	1		joule square metre per kilogram		J·m ² /kg	806
	1		electronvolt square metre per kilogram	1,6021892x10 ⁻¹⁹ J·m ² /kg	eV·m ² /kg	807
	2	X	erg square centimetre per gram	10 ⁻⁸ J·m ² /kg (exactly)	erg·cm ² /g	808
mean mass range	1		kilogram per square metre		kg/m ²	809
linear ionization by a particle	1		reciprocal metre		m ⁻¹	810

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
total ionization by a particle	1				1	
mobility	1		square metre per volt second		m ² /(V·s)	812
ion number density ion density neutron number density	1		reciprocal cubic metre		m ⁻³	813
recombination coefficient	1		cubic metre per second		m ³ /s	816
neutron speed	1		metre per second		m/s	817
diffusion coefficient, diffusion coefficient for neutron number density	1		square metre per second		m ² /s	818
neutron source density slowing down density	1 1		reciprocal second per cubic metre reciprocal cubic metre per second		s ⁻¹ /m ³ m ⁻³ /s	820 821
resonance escape probability	1		one		1	822
lethargy	1		one		1	823
average logarithmic energy decrement	1		one		1	824
reactivity	1		one		1	825
reactor time constant	1		second		s	826
activity	1 2		becquerel curie	3,7 x 10 ¹⁰ Bq (exactly)	Bq Ci	827 828
energy imparted mean energy imparted	1 1		joule		J	829
specific energy imparted, massic energy imparted	1 1S		gray milligray		Gy mGy	831 832
absorbed dose kerma	2 2	X	rad erg per gram	10 ⁻² Gy 10 ⁻⁴ J/kg (exactly)	rad erg/g	833 834
dose equivalent	1 1S 2		sievert millisievert rem	10 ⁻² Sv	Sv mSv rem	835 836 837
absorbed dose rate kerma rate	1 2	X	gray per second erg per gram second	10 ⁻⁴ W/kg (exactly)	Gy/s erg/g·s	838 839
linear energy transfer	1 1 2	X	joule per metre electronvolt per metre erg per centimetre	1,602 177 33 x 10 ⁻¹⁹ J/m 10 ⁻⁵ J/m (exactly)	J/m eV/m erg/cm	840 841 842
mass energy transfer coefficient	1		square metre per kilogram		m ² /kg	843
exposure	1		coulomb per kilogram		C/kg	844

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	1S		millicoulomb per kilogram		mC/kg	845
	2		röntgen	2,58x10 ⁻⁴ C/kg (exactly)	R	846
	2		milliröntgen		mR	847
	2		kiloröntgen		kR	848
exposure rate	1		coulomb per kilogram second		C/(kg·s)	849
	2		röntgen per second	2,58x10 ⁻⁴ C/(kg·s)	R/s	850

CHARACTERISTIC NUMBERS (dimensionless parameters)						
Momentum Transport						
Reynolds number	1		one		1	853
Euler number	1		one		1	854
Froude number	1		one		1	855
Grashof number	1		one		1	856
Weber number	1		one		1	857
Mach number	1		one		1	858
Knudsen number	1		one		1	859
Strouhal number	1		one		1	860

Transport of Heat						
Fourier number	1		one		1	861
Péclet number	1		one		1	862
Rayleigh number	1		one		1	863
Nusselt number	1		one		1	864
Stanton number	1		one		1	865

Transport of Matter in a Binary Mixture						
Fourier number for mass transfer	1		one		1	866
Péclet number for mass transfer	1		one		1	867
Grashof number for mass transfer	1		one		1	868
Nusselt number for mass transfer	1		one		1	869
Stanton number for mass transfer	1		one		1	870

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
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Constants of Matter						
Prandtl number	1		one		1	871
Schmidt number	1		one		1	872
Lewis number	1		one		1	873

Magnetohydrodynamics						
magnetic Reynolds number	1		one		1	874
Alfvén number	1		one		1	875
Hartmann number	1		one		1	876
Cowling number	1		one		1	877

SOLID STATE PHYSICS						
lattice vector	1		metre		m	879
fundamental lattice vector						
lattice plane spacing	1		ångström	10^{-10} m (exactly)	Å	881
Burgers vector						
Bragg angle	1		radian		rad	883
	1		degree	0,017 453 29 rad	°	884
order of reflexion	1		one		1	885
short-range order parameter	1		one		1	886
long-range order parameter						
relaxation time	1		second		s	888
carrier life time						
magnetic flux quantum	1		weber		Wb	890
particle position vector	1		metre		m	891
equilibrium position vector of ion or atom						

displacement vector of ion or atom						
Debye-Walle factor	1		one		1	894
mean free path of phonons or electrons	1		metre		m	895
London penetration depth						
coherence length						
diffusion length						

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
angular repetency, angular wave number	1		reciprocal metre		m ⁻¹	899
Fermi angular repetency, Fermi angular wavenumber	1		reciprocal ångström	10 ¹⁰ m ⁻¹ (exactly)	Å ⁻¹	900
Debye angular repetency, Debye angular wave number	1		radian per metre		rad/m	901
angular reciprocal lattice vector fundamental reciprocal lattice vector	1		reciprocal metre		m ⁻¹	902
Debye angular frequency	1		radian per second		rad/s	903
	1		reciprocal second		s ⁻¹	904
Debye temperature Curie temperature Néel temperature Fermi temperature Super conductor transition temperature	1		kelvin		K	905
spectral concentration of vibrational modes (in terms of angular frequency)	1		second per cubic metre		s/m ³	910
	1		second per radian cubic metre		s/(rad·m ³)	911
Grüneisen parameter	1		one		1	912
Madelung constant	1		one		1	913
Landau-Ginzburg number	1		one		1	914
density of states	1		reciprocal joule per cubic metre		J ⁻¹ /m ³	915
	1		reciprocal electron volt per cubic metre	6,241 46 x 10 ¹⁸ J ⁻¹ /m ³	eV ⁻¹ /m ³	916
residual resistivity	1		ohm metre		Ω·m	917
Lorenz coefficient	1		volt squared per kelvin squared		V ² /K ²	918
Hall coefficient	1		cubic metre per coulomb		m ³ /C	919
thermoelectromotive force between substances a and b Peltier coefficient for substances a and b	1		volt		V	920
thermodynamic critical magnetic flux density	1		tesla		T	922

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
lower critical magnetic flux density						
upper critical magnetic flux density						
Seebeck coefficient for substances a and b	1		volt per kelvin		V/K	925
Thompson coefficient	1S		millivolt per kelvin		mV/K	926
work function	1		joule		J	928
Fermi energy	1		electronvolt	1,602 177 33 x 10 ⁻¹⁹ J	eV	929
gap energy	1S		femtojoule		fJ	930
donor ionization energy	1S		attojoule		aJ	931
acceptor ionization energy						
exchange intergral superconductor energy gap						
electron affinity						
Richardson constant	1		ampere per square metre kelvin squared		A/(m ² ·K ²)	936
electron number density, volumic electron number	1		reciprocal cubic metre		m ⁻³	937
hole number density, volumic hole number						
donor number density, volumic donor number						
intrinsic number density, volumic intrinsis number						
acceptor number density, volumic						
acceptor number						
effective mass	1		kilogram		kg	942
mobility ratio	1		one		1	943

Miscellaneous (to be found a suitable quantity)						
Burst index	1M		kilopascal square metres per gram		kPa·m ² /g	944
Hardness index	1M		kilopascals per millimetre		kPa/mm	945
Porosity	1M		millilitres per square centimetre second		ml/(cm ² ·s)	946
Porosity	1M		cubic feet per minute per square foot		ft ³ /(min/ft ²)	947
Sheet density	1M		ounces per square foot per 0,01 inch		oz/(ft ² /cin)	948

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
Qualified base units						
	3.1A	Z	hectolitre of pure alcohol			949
	3.1A	Z	litre of pure alcohol			950
	3.1A	Z	proof gallon			951
	3.1A	Z	gram of fissile isotope			952
	3.1A	Z	kilogram named substance			953
	3.1A	Z	kilogram of nitrogen			954
	3.1A	Z	kilogram of phosphorus pentoxide (phosphoric anhydride)			955
	3.1A	Z	kilogram of potassium hydroxide (caustic potash)			956
	3.1A	Z	kilogram of potassium oxide			957
	3.1A	Z	kilogram of sodium hydroxide (caustic soda)			958
	3.1A	Z	kilogram of substance 90 % dry			959
	3.1A	Z	kilogram of uranium			960
	3.1A	Z	ton of steam per hour			961
	3.1A	Z	tonne of substance 90 % dry			962
	3.1B		dry pound			963
	3.1B		wet pound			964
	3.1B	Z	gross barrel			965
	3.1B	Z	gross gallon			966
	3.1B	Z	gross kilogram			967
	3.1B	Z	gross yard			968
	3.1B		gross ton	International Convention on Tonnage measurement of Ships, 1969, regulations 3 and 4		969
	3.1B	Z	cubic metre (net)			970
	3.1B		labour hour			971
	3.1B		overtime hour			972
	3.1B	Z	net barrel			973
	3.1B	Z	net litre			974
	3.1B	Z	net gallon (us)			975
	3.1B	Z	net imperial gallon			976
	3.1B		working month			977
	3.1B		wet kilo			978
	3.1B		dry ton			979
	3.1B		wet ton			980

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.1C	Z	equivalent gallon	represents number of gallons of product made from concentrate		981
	3.1C	Z	wine gallon			982
	3.1C	Z	theoretical kilograms			984
	3.1C	Z	net kilogram			985
	3.1C	Z	net ton (2000 lb)	use ton (US)		986
	3.1C	Z	actual ton			988
	3.1C	Z	theoretical ton			989
	3.1C		flake ton			990
	3.1C		kilogram per millimetre width			992
	3.1C	Z	theoretical tonne			994
	3.1C	Z	theoretical pound			996
	3.1C	Z	aluminium pound only			997
	3.1C		batting pound			998
	3.1C		liquid pound			999
	3.1C	X	pound per square inch, gauge			1000
	3.1C	Z	pound per inch of width			1001
	3.1C	Z	linear centimetre			1002
	3.1C	Z	linear foot			1003
	3.1C	Z	linear inch			1004
	3.1C	X	inches of water			1005
	3.1C		running or operating hour			1006
	3.1C	Z	linear metre			1007
	3.1C		air dry metric ton			1008
	3.1C	X	metric gross ton			1009
	3.1C	Z	metric net ton			1010
	3.1C	Z	metric long ton			1011
	3.1C	X	ounce av	definition required		1013
	3.1C	Z	linear yard per pound			1014
	3.1C	Z	linear yard			1015
	3.1C	Z	milligram per square foot per side			1016
	3.1C	Z	pound equivalent			1017
	3.1C	Z	pound gross			1018
	3.1C	Z	pound decimal	use pound		1019
	3.1C	Z	pound gage			1021
	3.1C	Z	pound percentage			1022
	3.1C	Z	pound net			1023
	3.1C	Z	mass pound			1024

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
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	3.1C	Z	solid pound			1025
	3.1C	X	millilitre of water			1026
	3.1C	Z	metric ton	use tonne		1027

Sales units	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.2A		piece	use one		1028
	3.2A		set			1029
	3.2A		ten day			1030
	3.2A		dozen pair			1031
	3.2A		dozen pack			1032
	3.2A		dozen piece			1033
	3.2A		dozen roll			1034
	3.2A		hundred boxe			1035
	3.2B	Z	each			1036
	3.2B		kit			1037
	3.2B		unit	use one		1038
	3.2C	Z	two pack			1039
	3.2C	Z	three pack			1040
	3.2C	Z	four pack			1041
	3.2C	Z	five pack			1042
	3.2C	Z	six pack			1043
	3.2C	Z	seven pack			1044
	3.2C	Z	eight pack			1045
	3.2C	Z	nine pack			1046
	3.2C	Z	ten pack			1047
	3.2C	Z	eleven pack			1048
	3.2C	Z	twenty pack			1049
	3.2C	Z	hundred pack			1050

Package units (included are any qualifications on them)	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.3A		package			1051
	3.3A	Z	packet			1052
	3.3A		bar			1053
	3.3A		bag			1054
	3.3A		drum			1055
	3.3A		sack			1056
	3.3A		tin			1057
	3.3A		bale			1058
	3.3A		case			1059
	3.3A		carton			1060

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.3A		can			1061
	3.3A		box			1062
	3.3A		ampoule			1063
	3.3A		bottle			1064
	3.3A		carboy			1068
	3.3A		bucket			1069
	3.3A		keg			1070
	3.3A		bundle			1071
	3.3A		reel			1072
	3.3A		cylinder			1073
	3.3A		crate			1074
	3.3A		coil			1075
	3.3A		pail			1076
	3.3A		tube			1077
	3.3A		vial			1080
	3.3A		rod			1081
	3.3A		sheet			1082
	3.3A		board			1083
	3.3A		bolt			1085
	3.3A		bulk			1086
	3.3A		bin	storage container used as a unit of measure		1092
	3.3A		bobbin			1093
	3.3A		capsule			1094
	3.3A		tablet			1095
	3.3A	Z	suppository			1096
	3.3A	Z	powder filled vial			1097
	3.3A		basket			1098
	3.3A		cup			1099
	3.3A		cover			1100
	3.3A		jar			1101
	3.3A		jug			1102
	3.3A		mat			1103

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.3A		plate			1104
	3.3A		ring			1106
	3.3A		roll			1107
	3.3A		slipsheet			1108
	3.3A		super bulk bag	a cloth plastic or paper based bag having the dimensions of the pallet on which it is constructed.		1109
	3.3A		tray / tray pack			1110
	3.3B	Z	hundred fifteen kg drum			1111
	3.3B	Z	hundred lb drum			1112
	3.3B	Z	fiftyfive gallon (US) drum			1113
	3.3B	Z	ten kg drum			1114
	3.3B	Z	fifteen kg drum			1115
	3.3B	Z	fivehundred kg bulk bag			1116
	3.3B	Z	threehundred kg bulk bag			1117
	3.3B	Z	fifty lb bag			1118
	3.3B	Z	fifty lb bulk bag			1119
	3.3B		bulk pack	definition required		1120
	3.3B	Z	pack	synonim for package		1121
	3.3B	Z	base box			1122
	3.3B	Z	beam			1123
	3.3B	Z	dispenser			1124
	3.3B	Z	pallet (lift)			1125
	3.3B	Z	spool			1126
	3.3B	Z	tote			1127
	3.3C	Z	wrap			1128
	3.3C	Z	sheet metric measure			1129
	3.3C	Z	roll metric measure			1130
	3.3C	Z	rack			1131
	3.3C	Z	pad			1132
	3.3C	Z	sleeve			1133
	3.3C		chest	definition required		1134
	3.3C		cask	definition required		1135
	3.3C		hogshead	definition required		1136
Shipping and Transportation Units						

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
Shipping and Transportation Units	3.4A		carrying capacity in metric ton			1137
	3.4A		tank, rectangular	Mode or unit of transport		1138
	3.4A		tank, cylindrical			1139
	3.4A		displacement tonnage			1140
	3.4A		deadweight tonnage			1141
	3.4A		gross ton	International Convention on Tonnage measurement of Ships, 1969, regulations 3 and 4		1142
	3.4A		net ton	International Convention on Tonnage measurement of Ships, 1969, regulations 3 and 4		1143
	3.4A	X	gross register ton			1144
	3.4A	X	net register ton			1145
	3.4A		freight ton	the greater weight or measurement of goods where 1 ton is either 1000 kilos or 1 cubic metre		1146
	3.4A	X	shipping ton			1147
	3.4B		pallet/unit load	defintion required		1148
	3.4B		shipment	definition required		1149
	3.4B		container			1150
	3.4B	Z	twenty foot container			1151
	3.4B	Z	forty foot container			1152
	3.4B	Z	jumbo			1153
	3.4B	Z	split tanktruck			1154
	3.4B	Z	tank truck	a liquid carrying highway vehicle. Use tank, cylindrical or tank, rectangular		1155
	3.4B	Z	truckload			1156
	3.4B	Z	barge			1157
	3.4B	Z	trailer			1158
	3.4C	Z	vehicle			1159
	3.4C	Z	bulk car load			1160
	3.4C		load	defintion required		1161
	3.4C		revenue ton mile	one ton of revenue generating freight moving 1 mile		1162

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.4C	Z	twenty thousand gallon (US) tankcar			1163
	3.4C	Z	ten thousand gallon (US) tankcar			1164
	3.4C	Z	lift van			1165
Industry specific						
Lumber	3.5A		cord	3,63 m ³		1166
	3.5A		board foot			1167
	3.5A		hundred board feet			1168
	3.5A		thousand board feet			1169
	3.5A		thousand standard brick equivalent			1170
	3.5A		standard			1171
	3.5A		degree days	a unit of measure to specify the degree days over a given period of time		1533
	3.5A		gigacalorie	10 ⁹ cal		1534
Drink	3.5A		alcoholic strength by mass			1172
	3.5A		alcoholic strength by volume			1173
Metal	3.5A		leaf			1174
Paper	3.5B		quire			1175
	3.5B		ream			1176
	3.5C	Z	ream metric measure			1177
	3.5C		pound per ream			1178
Printing	3.5B		pitch			1179
	3.5B		page per inch			1180
	3.5B		print point	0,013 8 in (approx)		1181
	3.5B		pica	0,166 in		1182
	3.5C		page			1183
	3.5C	Z	page - facsimile			1184
	3.5C	Z	page - hardcopy			1185
Textile	3.5B		tex	10 ⁻⁶ kg/m	tex (g/km)	1186
	3.5B		decitex		dtex (g/10km)	1187

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
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Textile	3.5B		denier		den (g/9 km)	1188
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Petroleum	3.5B		barrel (US) per day		barrel (US/d)	1189
	3.5C		gallon (US) per day		gal(US)/d	1190

Railroad	3.5C	Z	car mile			1191
	3.5C	Z	train mile			1192
	3.5C	Z	caboose mile			1193
	3.5C	Z	ton mile			1194
	3.5C	Z	locomotive mile			1195
	3.5C	Z	total car mile			1196
	3.5C	Z	car count			1197
	3.5C	Z	locomotive count			1198
	3.5C	Z	empty car			1199
	3.5C	Z	fuel usage gallon (US)			1200
	3.5C	Z	total car count			1201
	3.5C	Z	track foot			1202
	3.5C	Z	carload			1203
	3.5C	Z	car			1204
	3.5C	Z	train			1205
	3.5C	Z	caboose count			1206
	3.5C	Z	carset			1207

Telephone	3.5C		additional minute	minute above the minutes allowed for a telecommunication service		1208
	3.5C		average minute per call	the total number of minutes of a category of calls divided by the total number of calls within the category of telephone service		1209
	3.5C		access line	number of lines subject to Carrier Access Line Charges		1210
	3.5C	Z	conference point			1211
	3.5C		call	number of telephone calls		1213
	3.5C	Z	message hour			1214
	3.5C		telecommunication line in service	snapshot sample of lines in service		1215

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
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	3.5C		telecommunication line in service average	average number of lines in service specific to equal access requirements		1216
	3.5C		telecommunication port	number of network access ports		1217
	3.5C	Z	usage per telecommunication line average			1218

Electrical	3.5C		kilowatt demand	power load measured at predetermined intervals		1219
	3.5C	Z	kilovolt ampere reactive demand	customer's equipment reactive power demand		1220
	3.5C	Z	kilovolt ampere reactive hour			1221
Gaussian electric current	3.5C	X	Gaussian CGS unit of electric current			1224
Gaussian electric charge	3.5C	X	Gaussian CGS unit of electric charge			1225
Gaussian quantity of electricity						
Gaussian electric field strength	3.5C	X	Gaussian CGS unit of electric field strength			1227
Gaussian electric potential	3.5C	X	Gaussian CGS unit of electric potential			1228
Gaussian electric flux density	3.5C	X	Gaussian CGS unit of displacement			1229
Gaussian permittivity	3.5C	X	one		1	1230
Gaussian electric susceptibility	3.5C	X	one		1	1231
Gaussian electric polarization	3.5C	X	Gaussian CGS unit of electric polarization			1232
Gaussian permeability	3.5C	X	one		1	1233
Gaussian magnetic susceptibility	3.5C	X	one		1	1234
Gaussian magnetization	3.5C	X	Gaussian CGS unit of magnetization			1235
Gaussian capacitance	3.5C	X	centimetre		cm	1236
Gaussian magnetic field strength	3.5C	X	oersted		Oe	1237
Gaussian magnetic flux density	3.5C	X	gauss		Gs	1238
Gaussian magnetic induction	3.5C	X	kilogauss		kGs	1239

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
Gaussian magnetic flux	3.5C	X	maxwell		Mx	1240
Matches	3.5C	Z	short standard (7200 matches)			1241
Miscellaneous	3.5		drachm (UK)	3,887 935 g		1242
	3.5	Z	kilopound per square inch		klb/in ²	1243
	3.5	Z	milligram per square inch		mg/in ²	1244
	3.5	Z	horse power day per air dry metric ton			1245
	3.5	Z	kilogram per air dry metric ton			1246
	3.5	Z	centner, metric	100 kg		1247
	3.5	Z	quintal, metric	100 kg		1248
	3.5	Z	pound per air dry metric ton			1249
	3.5	Z	gallon per thousand cubic feet			1250
	3.5		quarter (UK)	12,700 586 kg		1251
	3.5		scruple	1,295 982g		1252
	3.5		pennyweight	1,555 174g		1253
	3.5	Z	hundredth of a carat			1255
	3.5		troy pound (US)	373,242 g		1256
	3.5	X	metric carat	200 mg (exactly)		1257
	3.5		cental (UK)	45,359 237 kg		1258
	3.5	X	calorie	cal		1259
	3.5	X	calorie per gram	cal/g		1260
	3.5		dram (UK)	1,771 745 g		1261
	3.5		dram (US)	3,887 935 g		1262
	3.5	Z	inch per minute			1263
	3.5	Z	peck dry (UK)			1264
	3.5	Z	peck dry (US)			1265
	3.5	Z	barrel, imperial			1266
	3.5		gill (UK)	0,142 065 dm ³		1267
	3.5		gill (US)	11,8294 cm ³		1268
Information Technology Units						
	3.6B		megabyte			1270
	3.6B		kilobyte			1271
	3.6B		kilosegment	64,000 bytes		1272
	3.6B		byte			1273
	3.6B	Z	data record			1274

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.6C	Z	magnetic tape			1275
Integers/Numbers/Ratios						
Integers/Numbers/Ratios	3.7A	Z	number of articles			1276
	3.7A	Z	number of bobbins			1277
	3.7A	Z	number of cells			1278
	3.7A		number of international units			1279
	3.7A	Z	number of packs			1280
	3.7A	Z	number of pairs			1281
	3.7A	Z	number of parcels			1282
	3.7A	Z	number of parts			1283
	3.7A	Z	number of rolls			1284
	3.7A		billion (EUR)	10 ¹²		1285
	3.7A		billion (US)	10 ⁹		1286
	3.7A		dozen	12	DOZ	1287
	3.7A		gross	144	gr	1288
	3.7A		great gross	1728		1289
	3.7A		hundred	100		1290
	3.7A		milliard	10 ⁹		1291
	3.7A		million	10 ⁶		1292
	3.7A		score	20		1293
	3.7A		thousand	10 ³		1294
	3.7A		trillion (EUR)	10 ¹⁸		1295
	3.7A		trillion (US)	10 ¹²		1296
	3.7A		hundred international unit			1297
	3.7A		million international unit			1298
	3.7B		part per million		ppm	1299
	3.7B		part per billion (US)			1300
	3.7B	Z	percent			1301
	3.7B		pair	2		1302
	3.7B		part per thousand			1303
	3.7C	Z	quarter dozen	3		1304
	3.7C	Z	half dozen	6		1305
	3.7C	Z	draize score			1306
	3.7C	Z	percent weight			1307
	3.7C	Z	percent per 1000 hour			1308
	3.7C	Z	hundred count			1309
	3.7C	Z	gram per 100 gram			1310
	3.7C	Z	gram per kilogram			1311
	3.7C	Z	milligram per kilogram			1312

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.7C	Z	number of mults			1313
	3.7C	Z	number of screens			1314
Multiples fractions						
	3.8A		hundred leave			1315
Multiples fractions	3.8A		hundred pack			1316
	3.8A		ten pair			1317
	3.8A		million cubic metre		Mm ³	1318
	3.8A		half year (6 months)			1319
	3.8A		quarter (of a year)			1320
	3.8A		decade			1321
	3.8A		thousand cubic metre per day		km ³ /d	1322
	3.8A		megametre		Mm	1323
	3.8B	Z	million BTU ^S			1324
	3.8B	Z	quarter mile			1325
	3.8B	Z	megagram per hour		Mg/h	1326
	3.8B	Z	sixty fourths of an inch			1327
	3.8B	Z	million unit			1328
	3.8B	Z	therm	10 ⁵ BTU		1329
	3.8B		thousand gallon (US)			1330
	3.8B	Z	tenth minute			1331
	3.8B	Z	tenth hour			1332
	3.8B	Z	two week			1333
	3.8C	Z	thousand metre			1334
	3.8C	Z	square rod			1335
	3.8C	Z	million cubic feet		Mft ³	1336
	3.8C	Z	thousand cubic feet		kft ³	1337
	3.8C	Z	half gallon (US)			1339
	3.8C	Z	half pint (US)			1340
	3.8C	Z	quarter hour			1341
	3.8C	Z	half hour			1342
	3.8C	Z	pound per thousand square feet		lb/kft ²	1343
	3.8C	Z	hundred feet (linear)			1344
	3.8C	Z	hundred feet			1345
	3.8C	Z	hundred cubic feet			1346
	3.8C	Z	hundred sheet			1347
	3.8C	Z	hundred kilogram			1348
	3.8C	Z	hundred troy ounce			1350
	3.8C	Z	hundred square feet			1351

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.8C	Z	hundred yard			1352
	3.8C	Z	hundred linear yard			1353
	3.8C	Z	ten square yard			1354
	3.8C	Z	ten square feet			1355
	3.8C	Z	ten yard			1356
	3.8C	Z	pair inch			1357
	3.8C	Z	thousand pound gross			1358
Multiples fractions	3.8C	Z	thousand piece			1359
	3.8C	Z	thousand bag			1360
	3.8C	Z	thousand casing			1361
	3.8C	Z	thousand impression			1362
	3.8C	Z	thousand linear inch			1363
	3.8C	Z	thousand square inch			1364
	3.8C	Z	thousand square centimetre			1365
	3.8C	Z	thousand feet (linear)			1366
	3.8C	Z	thousand feet			1367
	3.8C	Z	thousand square feet			1368
	3.8C	Z	thousand linear metre			1369
	3.8C	Z	thousand linear yard			1370
	3.8C	Z	thousand kilogram			1371
	3.8C	Z	thousand sheet			1373
	3.8C	Z	tenth cubic foot			1374
	3.8C	Z	thousand cubic feet per day			1378
	3.8C	Z	half litre			1379
	3.8C	Z	thousand pound per square inch			1380
	3.8C	Z	thousand cubic metre			1381
	3.8C	Z	hundred cubic metre			1382
	3.8C	Z	quarter kilogram			1383
	3.8C	Z	thousand litre			1384
	3.8C	Z	ten thousand yard			1385

Miscellaneous						
	3.9	Z	small spray			1386
	3.9	Z	large spray			1387
	3.9	Z	lift			1388
	3.9	Z	heat lot			1389
	3.9	Z	group			1390
	3.9	Z	outfit			1391
	3.9	Z	ration			1392
	3.9	Z	shot			1393

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.9	Z	stick			1394
	3.9		fixed rate	a predetermined or set rate for usage of a facility		1395
	3.9	Z	catch weight			1396
	3.9	Z	sitas			1397
	3.9	Z	failure rate in time			1398
	3.9	Z	test specific scale			1399
	3.9	Z	volt ampere per pound			1400
Miscellaneous	3.9	Z	watt per pound			1401
	3.9	Z	ampere tum per centimetre			1402
	3.9		cycle			1403
	3.9	Z	Saybold universal second			1404
	3.9	Z	calorie per cubic centimetre			1405
	3.9	Z	curl unit			1406
	3.9	Z	ball			1407
	3.9	Z	assortment			1408
	3.9	Z	assembly			1409
	3.9	Z	Btu per cubic foot		BTU/ft ³	1410
	3.9	Z	bunk			1411
	3.9	Z	billet			1412
	3.9	Z	bun			1413
	3.9	Z	batt			1414
	3.9	Z	brush			1415
	3.9	Z	band			1416
	3.9	Z	book			1417
	3.9	Z	block			1418
	3.9	Z	belt			1419
	3.9	Z	base weight			1420
	3.9	Z	composite product pound (total weight)			1421
	3.9	Z	cost			1422
	3.9	Z	cell			1423
	3.9	Z	coil group			1424
	3.9	Z	card			1425
	3.9	Z	cone			1426
	3.9	Z	connector			1427
	3.9	Z	cartridge			1428
	3.9	Z	cassette			1429
	3.9	Z	combo			1430
	3.9	Z	disk (disc)			1431

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.9	Z	deal			1432
	3.9	Z	display			1433
	3.9	Z	directory book			1434
	3.9	Z	electronic mail box			1435
	3.9	X	dyne per square centimeter	10 ⁻¹ Pa (exactly)	dyn/cm ²	1436
	3.9	Z	fibre per cubic centimetre of air			1437
	3.9	Z	field			1438
	3.9	Z	million particle per cubic foot			1439
	3.9	Z	gage system			1440
Miscellaneous	3.9	Z	half page - electronic			1441
	3.9	Z	page - electronic			1442
	3.9		hank	100 feet of rope		1443
	3.9	Z	count per inch			1444
	3.9	Z	impression			1445
	3.9	Z	insurance policy			1446
	3.9	Z	count per centimetre			1447
	3.9	Z	joint			1448
	3.9	Z	cake			1449
	3.9	Z	envelope			1451
	3.9	Z	kilocharacter			1452
	3.9	Z	kilogram decimal			1453
	3.9	Z	kilopacket			1454
	3.9		milliequivalence caustic potash per gram of product	unit for measure of acid number and saponification number		1455
	3.9	Z	lite			1456
	3.9	Z	link			1457
	3.9	Z	length			1458
	3.9	Z	lot			1459
	3.9	Z	layer			1460
	3.9	Z	lump sum			1461
	3.9	Z	monetary value			1462
	3.9	Z	machine per unit			1463
	3.9		million Btu per 1000 cubic feet	heat value of a gaz	MBTU/kft ²	1464
	3.9	Z	message			1467
	3.9	Z	panel			1468
	3.9	Z	round			1469
	3.9	Z	reset			1470
	3.9	Z	run			1471

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.9	Z	session			1472
	3.9	Z	storage unit			1473
	3.9	Z	sandwich			1474
	3.9	Z	section			1475
	3.9	Z	segment			1476
	3.9	Z	shelf package			1477
	3.9	Z	square			1478
	3.9	Z	strip			1479
	3.9	Z	skid			1480
	3.9	Z	skein			1481
	3.9		watt per kilogram		W/kg	1482
	3.9		volt ampere per kilogram		VA/kg	1483
Miscellaneous	3.9	Z	weight per square inch			1484
	3.9	Z	wheel			1485
	3.9	Z	mutually defined			1486
	3.9	Z	newspage agate line			1487
	3.9		pen calorie	daily calories prescribed for parenteral/enteral therapy		1488
	3.9		pen gram (protein)	grams of amino acids prescribed for parenteral/enteral therapy		1489
	3.9	Z	standard advertising unit	column inch multiples for newspaper advertising		1490
	3.9	Z	lug			1491
	3.9	Z	cap			1492
	3.9	Z	microfiche sheet			1493
	3.9	Z	person			1494
	3.9	Z	column inch			1495
	3.9	Z	number of lines			1496
	3.9	Z	seismic level			1497
	3.9	Z	seismic line			1498
	3.9	Z	dollar per hour			1499
	3.9	Z	rate			1500
	3.9		anti-hemophilic factor (AHF) unit	US medical unit of measure for blood potency		1501
	3.9	Z	each per month			1503
	3.9	Z	transdermal patch			1504
	3.9		treatment			1505
	3.9	Z	visit			1506

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
	3.9	Z	count per minute			1507
	3.9	Z	stage			1508
	3.9		mesh	linear measurement of the open area of a screen, net or weave		1509
	3.9		batch	quantity of material produced at one operation		1510
	3.9	Z	gallon(US) per thousand			1511
	3.9		MMSCF/day	one million standard cubic feet of gas per day		1512
	3.9	Z	pounds per thousand			1513
	3.9	Z	pump			1514
	3.9		manmonth			1515
Miscellaneous	3.9	Z	pound per pound of product			1516
	3.9	Z	kilogram per litre of product			1517
	3.9	Z	pound per piece of product			1518
	3.9	Z	kilogram per kilogram of product			1519
	3.9	Z	kilogram per piece of product			1520
	3.9	Z	syphon			1521
	3.9	Z	cop			1522
	3.9	Z	length			1526
	3.9	Z	meal			1532

Units of Measure: Code elements listed by quantities

Quantity	Level Cat.	Use Id.	Name	Conversion factors to SI units (1 unit equals)	Represen. Symbol	Cross ref.
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Annex II
Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
15 °C calorie	cal ₁₅	A1	2	X	323
access line		AL	3.5C		1210
acre	acre	ACR	2		46
actual ton		26	3.1C	Z	988
additional minute		AH	3.5C		1208
air dry metric ton		MD	3.1C		1008
alcoholic strength by mass		ASM	3.5A		1172
alcoholic strength by volume		ASU	3.5A		1173
aluminium pound only		AP	3.1C	Z	997
ampere	A	AMP	1		364
ampere hour	A·h	AMH	1M		372
ampere per centimetre	A/cm	A2	1S		431
ampere per metre	A/m	AE	1		428 457
ampere per millimetre	A/mm	A3	1S		430
ampere per square centimetre	A/cm ²	A4	1S		426
ampere per square metre	A/m ²	A41	1		423
ampere per square metre kelvin squared	A/(m ² ·K ²)	A6	1		936
ampere per square millimetre	A/mm ²	A7	1S		425
ampere second	A·s	A8	1		371
ampere square metre	A·m ²	A5	1		456 713
ampere square metre per joule second	A·m ² /(J·s)	A10	1		716
ampere tum per centimetre		73	3.9	Z	1402
ampoule		AM	3.3A		1063
ångström	Å	A11	1		22 126 511 710 881
anti-hemophilic factor (AHF) unit		AQ	3.9		1501
are	a	ARE	1		36
assembly		AY	3.9	Z	1409
assortment		AS	3.9	Z	1408
astronomical unit	AU	A12	1		23
attojoule	aJ	A13	1S		270 931
average minute per call		AI	3.5C		1209
bag		BG	3.3A		1054

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
bale		BL	3.3A		1058
ball		AA	3.9	Z	1407
band		D92	3.9	Z	1416
bar	bar	BAR	1		217 578
bar		BR	3.3A		1053
barge		NB	3.4B	Z	1157
barn	b	A14	1		761
barn per electron volt	b/eV	A15	1		765
barn per steradian electron volt,	b/(sr·eV)	A16	1		768
barn per steradian	b/sr	A17	1		763
barrel (US) (petroleum etc.)	barrel (US)	BLL	2		77
barrel (US) per day	barrel (US)/d	B1	3.5B		1189
barrel per minute	barrel (US)/m	5A	2		310
barrel, imperial		B4	3.5	Z	1266
base box		BB	3.3B	Z	1122
base weight		BW	3.9	Z	1420
basket		BK	3.3A		1098
batch		5B	3.9		1510
batt		B9	3.9	Z	1414
batting pound		B3	3.1C		998
beam		D79	3.3B	Z	1123
becquerel	Bq	BQL	1		745 827
becquerel per kilogram	Bq/kg	A18	1		750
becquerel per metre cubed	Bq/m ³	A19	1		753
belt		E2	3.9	Z	1419
billet		B5	3.9	Z	1412
billion (EUR)		BIL	3.7A		1285
billion (US)		MLD	3.7A		1286
bin		2W	3.3A		1092
block		D64	3.9	Z	1418
board		BD	3.3A		1083
board foot		BFT	3.5A		1167
bobbin		4A	3.3A		1093
bolt		BT	3.3A		1085
book		D63	3.9	Z	1417
bottle		BO	3.3A		1064
box		BX	3.3A		1062
brake horse power	BHP	BHP	2		295

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
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British thermal unit	Btu	BTU	2		322
British thermal unit per hour	Btu/h	2I	2		328
British thermal unit per hour square foot degree Rankin	Btu/(h·ft ² ·°R)	A23	2		338
British thermal unit per pound	Btu/lb	AZ	2		358
British thermal unit per pound degree Rankin	Btu/(lb·°R)	A21	2		348
British thermal unit per second foot degree Rankin	Btu/(s·ft·°R)	A22	2		331
British thermal unit per second square foot degree Rankin	Btu/(s·ft ² ·°R)	A20	2		337
brush		BH	3.9	Z	1415
Btu per cubic foot	BTU/ft ³	B0	3.9	Z	1410
bucket		BJ	3.3A		1069
bulk		VQ	3.3A		1086
bulk car load		48	3.4C	Z	1160
bulk pack		AB	3.3B		1120
bun		B6	3.9	Z	1413
bundle		BE	3.3A		1071
bunk		B2	3.9	Z	1411
bushel (US)	bu (US)	BUA	2		76
bushel (UK)	bushel (UK)	BUI	2		75
byte		AD	3.6B		1273

caboose count		ID	3.5C	Z	1206
caboose mile		IH	3.5C	Z	1193
cake		KA	3.9	Z	1449
call		C0	3.5C		1213
calorie		R4	3.5	X	1259
calorie per cubic centimetre		92	3.9	Z	1405
calorie per gram		93	3.5	X	1260
can		CA	3.3A		1061
candela	cd	CDL	1		539
candela per square metre	cd/m ²	A24	1		543
cap		4B	3.9	Z	1492
capsule		AV	3.3A		1094
car		NC	3.5C	Z	1204
car count		IB	3.5C	Z	1197
car mile		1A	3.5C	Z	1191
carboy		CO	3.3A		1068
card		CG	3.9	Z	1425
carload		C4	3.5C	Z	1203
carrying capacity in metric ton		CCT	3.4A		1137

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
carset		C2	3.5C	Z	1207
carton		CT	3.3A		1060
cartridge		CQ	3.9	Z	1428
case		CS	3.3A		1059
cask		Z3	3.3C		1135
cassette		D66	3.9	Z	1429
catch weight		31	3.9	Z	1396
cell		C6	3.9	Z	1423
cental (UK)		CNT	3.5		1258
centigram	cg	CGM	1M		140
centilitre	cl	CLT	1S		55
centimetre	cm	CMT	1S		12 1236
centimetre per second	cm/s	2M	1S		98
centipoise	cP	C7	2		252
centistokes	cSt	4C	2		256
centner, metric		DTN	3.5	Z	1247
chain	ch	X1	2		26
chest		Z2	3.3C		1134
cheval vapeur	CV	A25		X	294
coil		CL	3.3A		1075
coil group		C9	3.9	Z	1424
column inch		II	3.9	Z	1495
combo		CZ	3.9	Z	1430
composite product pound (total weight)		C1	3.9	Z	1421
cone		CJ	3.9	Z	1426
conference point		Z6	3.5C	Z	1211
connector		CK	3.9	Z	1427
container		CH	3.4B		1150
conventional millimetre of mercury	mm Hg	HN	2	X	236
conventional millimetre of water	mm H ₂ O	HP	2	X	234
cop		AJ	3.9	Z	1522
cord		WCD	3.5A		1166
cost		C5	3.9	Z	1422
coulomb	C	COU	1		370 683 707
coulomb metre	C·m	A26	1		422 669
coulomb metre squared per volt	C·m ² /V	A27	1		670
coulomb per cubic centimetre	C/cm ³	A28	1S		384
coulomb per cubic metre	C/m ³	A29	1		380

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
coulomb per cubic millimetre	C/mm ³	A30	1S		382
coulomb per kilogram	C/kg	CKG	1		844
coulomb per kilogram second	C/(kg·s)	A31	1		849
coulomb per mole	C/mol	A32	1		685
coulomb per square centimetre	C/cm ²	A33	1S		393
coulomb per square metre	C/m ²	A34	1		388
coulomb per square millimetre	C/mm ²	A35	1S		392
count per centimetre		IT	3.9	Z	1447
count per inch		IC	3.9	Z	1444
count per minute		5K	3.9	Z	1507
cover		CV	3.3A		1100
crate		CR	3.3A		1074
cubic centimetre	cm ³	CMQ	1S		51
cubic centimetre per mole	cm ³ /mol	A36	1S		628
cubic centimetre per second	cm ³ /s	2J	1S		305
cubic decimetre	dm ³	DMQ	1S		52
cubic decimetre per mole	dm ³ /mol	A37	1S		627
cubic feet per minute per square foot	ft ³ /(min/ft ²)	36	1M		947
cubic foot	ft ³	FTQ	2		62
cubic foot per hour	ft ³ /h	2K	2		308
cubic foot per minute	ft ³ /min	2L	2		309
cubic inch	in ³	INQ	2		61
cubic metre	m ³	MTQ	1		47
cubic metre (net)		D90	3.1B	Z	970
cubic metre per coulomb	m ³ /C	A38	1		919
cubic metre per hour	m ³ /h	MQH	1M		301
cubic metre per kilogram	m ³ /kg	A39	1		172
cubic metre per mole	m ³ /mol	A40	1		626
cubic metre per second	m ³ /s	MQS	1		300 583 816
cubic millimetre	mm ³	MMQ	1S		50
cubic yard	yd ³	YDQ	2		63
cup		CU	3.3A		1099
curie	Ci	CUR	2		741 828
curie per kilogram	Ci/kg	A42	2		749
curl unit		94	3.9	Z	1406
cycle		B7	3.9		1403
cylinder		CY	3.3A		1073
data record		DQ	3.6B	Z	1274

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
day	d	DAY	1		84
deadweight tonnage		A43	3.4A		1141
deal		DE	3.9	Z	1432
decade		DEC	3.8A		1321
decagram	dag	DJ	1M		136
decalitre	dal	A44	1M		59
decametre	dam	A45	1M		20
decare	daa	DAA	1M		37
decibel	dB	2N	1		129 601 611
decigram	dg	DG	1M		137
decilitre	dl	DLT	1M		56
decilitre per gram	dl/g	22	1M		173
decimetre	dm	DMT	1M		11
decinewton metre	dN·m	DN	1S		205
decitex	dtex (g/10km)	A47	3.5B		1187
decitonne	dt	DTN	1M		142
degree	°	DD	1		4 884
degree Celsius	°C	CEL	1		316
degree days		E10	3.5A		1533
degree Fahrenheit	°F	FAH	2		317
degree Rankin	°R	A48	2		315
denier	den (g/9 km)	A49	3.5B		1188
directory book		DY	3.9	Z	1434
disk (disc)		DC	3.9	Z	1431
dispenser		DI	3.3B	Z	1124
displacement tonnage		DPT	3.4A		1140
display		DS	3.9	Z	1433
dollar per hour		D67	3.9	Z	1499
dozen	DOZ	DZN	3.7A		1287
dozen pack		DZP	3.2A		1032
dozen pair		DPR	3.2A		1031
dozen piece		DPC	3.2A		1033
dozen roll		DRL	3.2A		1034
drachm (UK)		DRM	3.5		1242
draize score		D8	3.7C	Z	1306
dram (UK)		DRI	3.5		1261
dram (US)		DRA	3.5		1262

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
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drum		DR	3.3A		1055
dry barrel (US)	bbl (US)	BLD	2		78
dry gallon (US)	dry gal (US)	GLD	2		79
dry pint (US)	dry pt (US)	PTD	2		71
dry pound		DB	3.1B		963
dry quart (US)	dry qt (US)	QTD	2		80
dry ton		DT	3.1B		979
dyn second per cubic centimetre	dyn·s/cm ³	A50	2	X	596
dyne	dyn	DU	2	X	195
dyne per centimetre	dyn/cm	DX	2	X	260

dyne per square centimeter	dyn/cm ²	D9	2	X	1436
dyne second per centimetre	dyn·s/cm	A51	2	X	600
dyne second per centimetre to the fifth	dyn·s/cm ⁵	A52	2	X	598

each		EA	3.2B	Z	1036
each per month		EC	3.9	Z	1503
eight pack		P8	3.2C	Z	1045
electronic mail box		EB	3.9	Z	1435
electronvolt	eV	A53	1		276 738 758 929
electronvolt per metre	eV/m	A54	1		801 841
electronvolt square metre	eV·m ²	A55	1		804
electronvolt square metre per kilogram	eV·m ² /kg	A56	1		807
eleven pack		EP	3.2C	Z	1048
empty car		1E	3.5C	Z	1199
envelope		EV	3.9	Z	1451
equivalent gallon		EQ	3.1C	Z	981
erg	erg	A57	2	X	280 759
erg per centimetre	erg/cm	A58	2	X	842 802
erg per cubic centimetre	erg/cm ³	A60	2	X	587
erg per gram	erg/g	A61	2	X	834
erg per gram second	erg/g·s	A62	2	X	839
erg per second	erg/s	A63	2	X	290 589
erg per second square centimetre	erg/(s·cm ²)	A64	2	X	594
erg per square centimetre second	erg/(cm ² ·s)	A65	2	X	776

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
erg square centimetre	$\text{erg} \cdot \text{cm}^2$	A66	2	X	805
erg square centimetre per gram	$\text{erg} \cdot \text{cm}^2/\text{g}$	A67	2	X	808
exajoule	EJ	A68	1S		263
failure rate in time		63	3.9	Z	1398
farad	F	FAR	1		410
farad per metre	F/m	A69	1		416
fathom		AK	2		25
femtojoule	fJ	A70	1S		269 930
femtometre	fm	A71	1S		19
fibre per cubic centimetre of air		F9	3.9	Z	1437
field		FB	3.9	Z	1438
fifteen kg drum		98	3.3B	Z	1115
fifty lb bag		47	3.3B	Z	1118
fifty lb bulk bag		46	3.3B	Z	1119
fiftyfive gallon (US) drum		18	3.3B	Z	1113
five pack		P5	3.2C	Z	1042
fivehundred kg bulk bag		44	3.3B	Z	1116
fixed rate		II	3.9		1395
flake ton		FL	3.1C		990
fluid ounce (UK)	fl oz (UK)	OZI	2		72
fluid ounce (US)	fl oz (US)	OZA	2		74
foot	ft	FOT	2		29
foot per minute	ft/min	FR	2		101
foot per second	ft/s	FS	2		104
foot per second squared	ft/s^2	A73	2		109
foot pound-force	ft·lbf	85	2		206 281
foot pound-force per second	ft·lbf/s	A74	2		291
foot squared per second	ft^2/s	S3	2		257
forty foot container		21	3.4B	Z	1152
four pack		P4	3.2C	Z	1041
freight ton		A75	3.4A		1146
fuel usage gallon (US)		1G	3.5C	Z	1200
gage system		GZ	3.9	Z	1440
gal	Gal	A76	1S		107
gallon (UK)	gal (UK)	GLI	2		64
gallon (US)	gal (US)	GLL	2		65
gallon (US) per day	gal(US)/d	GB	3.5C		1190

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
gallon per thousand cubic feet		GW	3.5	Z	1250
gallon(US) per thousand		5C	3.9	Z	1511
gauss	Gs	76	3.5C	X	1238
Gaussian CGS unit of displacement		A77	3.5C	X	1229
Gaussian CGS unit of electric current		A78	3.5C	X	1224
Gaussian CGS unit of electric charge		A79	3.5C	X	1225
Gaussian CGS unit of electric field strength		A80	3.5C	X	1227
Gaussian CGS unit of electric polarization		A81	3.5C	X	1232
Gaussian CGS unit of electric potential		A82	3.5C	X	1228
Gaussian CGS unit of magnetization		A83	3.5C	X	1235
gigabecquerel	GBq	GBQ	1M		746
gigacoulomb per cubic metre	GC/m ³	A84	1S		381
gigacalorie		E11	3.5A	X	1534
gigaelectronvolt	GeV	A85	1S		278
gigahertz	GHz	A86	1S		118
gigajoule	GJ	GV	1S		266
gigaohm	GΩ	A87	1S		464
gigaohm metre	GΩ·m	A88	1S		475
gigapascal	GPa	A89	1S		222
gigawatt	GW	A90	1S		286
gigawatt	GW	A90	1S		493
gigawatt hour	GW·h	GWH	1S		274
gill (UK)		GII	3.5		1267
gill (US)		GIA	3.5		1268
gon	gon	A91	2		8
grade		A91	2	X	7
grain	gr	GRN	2		148
gram	g	GRM	1S		139
gram of fissile isotope		GFI	3.1A	Z	952
gram per metre (gram per 100 centimetres)	g/m	GF	1M		176
gram per 100 gram		GC	3.7C	Z	1310
gram per cubic centimetre	g/cm ³	23	1S		157
gram per cubic metre	g/m ³	A93	1M		162
gram per kilogram		GK	3.7C	Z	1311
gram per litre	g/l	GL	1S		161
gram per millilitre	g/ml	GJ	1S		159
gram per mole	g/mol	A94	1S		625
gram per square centimetre	g/cm ²	25	1M		182
gram per square metre	g/m ²	GM	1M		183
gray	Gy	A95	1		831
gray per second	Gy/s	A96	1		838

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
great gross		GGR	3.7A		1289
gross	gr	GRO	3.7A		1288
gross barrel		GD	3.1B	Z	965
gross gallon		GN	3.1B	Z	966
gross kilogram		E4	3.1B	Z	967
gross register ton		GRT	3.4A	X	1144
gross ton		GT	3.1B 3.4A		969 1142
gross yard		GY	3.1B	Z	968
group		10	3.9	Z	1390
half dozen		HD	3.7C	Z	1305
half gallon (US)		GH	3.8C	Z	1339
half hour		HT	3.8C	Z	1342
half litre		H2	3.8C	Z	1379
half page - electronic		H1	3.9	Z	1441
half pint (US)		PV	3.8C	Z	1340
half year (6 months)		SAN	3.8A		1319
hank		HA	3.9		1443
heat lot		08	3.9	Z	1389
hectare	ha	HAR	1S		38
hectobar	hbar	HBA	1M		218
hectogram	hg	HGM	1M		144
hectolitre	hl	HLT	1S		54
hectolitre of pure alcohol		HPA	3.1A	Z	949
hectometre	hm	HMT	1M		15
hectopascal	hPa	A97	1S		224
henry	H	81	1		441
henry per metre	H/m	A98	1		451
hertz	Hz	HTZ	1		114 507 569
hogshead		Z4	3.3C		1136
horse power day per air dry metric ton		30	3.5	Z	1245
hour	h	HUR	1		83
hundred		CEN	3.7A		1290
hundred board feet		BP	3.5A		1168
hundred boxe		HBX	3.2A		1035
hundred count		HC	3.7C	Z	1309
hundred cubic feet		HH	3.8C	Z	1346
hundred cubic metre		FF	3.8C	Z	1382
hundred feet		HF	3.8C	Z	1345

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
hundred feet (linear)		HL	3.8C	Z	1344
hundred fifteen kg drum		16	3.3B	Z	1111
hundred international unit		HIU	3.7A		1297
hundred kilogram		HK	3.8C	Z	1348
hundred lb drum		17	3.3B	Z	1112
hundred leave		CLF	3.8A		1315
hundred linear yard		YL	3.8C	Z	1353
hundred pack		CNP	3.2C 3.8A	Z	1050 1316
hundred pounds (cwt)/ hundred weight (US)	cwt (US)	CWA	2		151
hundred sheet		HI	3.8C	Z	1347
hundred square feet		HS	3.8C	Z	1351
hundred troy ounce		HO	3.8C	Z	1350
hundred weight (UK)	cwt (UK)	CWI	2		150
hundred yard		HY	3.8C	Z	1352
hundredth of a carat		HE	3.5	Z	1255
hydraulic horse power		5J	2		289
Imperial gallon per minute	gal(UK)/min	G3	2		312
impression		IM	3.9	Z	1445
inch	in	INH	2		27
inch cubed	in ³	INQ	2		246
inch per minute		IL	3.5	Z	1263
inch per second (linear speed)	in/s	IU	2		103 102
inch per second squared (acceleration)	in/s ²	IV	2		110 111
inch pound (pound inch)	in·lb	IA	2		208
inch to the fourth power	in ⁴	D69	2		244
inches of water		IF	3.1C	X	1005
insurance policy		IP	3.9	Z	1446
International Table (IT) calorie	cal _{IT}	D70	2	X	324
International Table (IT) calorie per gram	cal _{IT} /g	D75	2	X	359
International Table (IT) calorie per gram kelvin	cal _{IT} /(g·K)	D76	2	X	349
International Table (IT) calorie per second centimetre kelvin	cal _{IT} /(s·cm·K)	D71	2	X	332
International Table (IT) calorie per second square centimetre kelvin	cal _{IT} /(s·cm ² ·K)	D72	2	X	335

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
jar		JR	3.3A		1101
joint		JO	3.9	Z	1448
joule	J	JOU	1		261 321 505 515 712
					736 757 829 928
joule per cubic metre	J/m ³	B8	1		458 516 586
joule per gram	J/g	D95	1S		355
joule per kelvin	J/K	JE	1		344 353 676
joule per kilogram	J/kg	J2	1		354
joule per kilogram kelvin	J/(kg·K)	B11	1		346
joule per metre	J/m	B12	1		800 840
joule per metre squared	J/m ²	B13	1		520
joule per metre to the fourth power	J/m ⁴	B14	1		518
joule per mole	J/mol	B15	1		630 632 634
joule per mole kelvin	J/(mol·K)	B16	1		636
joule per square metre	J/m ²	B13	1		774
joule second	J·s	B18	1		708
joule square metre	J·m ²	D73	1		803
joule square metre per kilogram	J·m ² /kg	B20	1		806
jug		JG	3.3A		1102
jumbo		JB	3.4B	Z	1153
keg		KG	3.3A		1070
kelvin	K	KEL	1		314 905
kelvin per watt	K/W	B21	1		340
kiloampere	kA	B22	1S		365
kiloampere per square metre	kA/m ²	B23	1S		427

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
kiloampere per metre	kA/m	B24	1S		429
kilobar	kbar	KBA	1M		220
kilobecquerel	kBy	2Q	1S		747
kilobecquerel per kilogram	kBq/kg	B25	1S		752
kilobyte		2P	3.6B		1271
kilocharacter		KB	3.9	Z	1452
kilocoulomb	kC	B26	1S		376
kilocoulomb per cubic metre	kC/m ³	B27	1S		385
kilocoulomb per square metre	kC/m ²	B28	1S		394
kilocurie	kCi	2R	2S		744
kiloelectronvolt	keV	B29	1S		279
kilogauss	kGs	78	3.5C	X	1239
kilogram	kg	KGM	1		138 667 695 701 942
kilogram decimal		KD	3.9	Z	1453
kilogram metre per second	kg·m/s	B31	1		187
kilogram metre squared	kg·m ²	B32	1		189
kilogram metre squared per second	kg·m ² /s	B33	1		188
kilogram named substance		KNS	3.1A	Z	953
kilogram of nitrogen		KNI	3.1A	Z	954
kilogram of phosphorus pentoxide (phosphoric anhydride)		KPP	3.1A	Z	955
kilogram of potassium hydroxide (caustic potash)		KPH	3.1A	Z	956
kilogram of potassium oxide		KPO	3.1A	Z	957
kilogram of sodium hydroxide (caustic soda)		KSH	3.1A	Z	958
kilogram of substance 90 % dry		KSD	3.1A	Z	959
kilogram of uranium		KUR	3.1A	Z	960
kilogram per air dry metric ton		32	3.5	Z	1246
kilogram per cubic decimetre	kg/dm ³	B34	1S		165
kilogram per cubic metre	kg/m ³	KMQ	1		156 576 642
kilogram per kilogram of product		3H	3.9	Z	1519
kilogram per litre	kg/l or kg/L	B35	1S 1 3.9	Z	160 643 1517
kilogram per metre	kg/m	KL	1		175
kilogram per millimetre width		KI	3.1C		992

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
kilogram per mole	kg/mol	D74	1		624
kilogram per piece of product		3I	3.9	Z	1520
kilogram per second	kg/s	KGS	1		296
kilogram per square centimeter		D5	2		235
kilogram per square metre	kg/m ²	28	1M 1		184 809
kilogram-force	kgf	B37	2	X	197
kilogram-force metre	kgf·m	B38	2	X	207
					282
kilogram-force metre per second	kgf·m/s	B39	2	X	292
kilogram-force per square metre	kgf/m ²	B40	2	X	230
kilograms per millimeter	kg/mm	KW	1M		177
kilohertz	kHz	KHZ	1S		115
kilojoule	kJ	KJO	1S		262
kilojoule per kelvin	kJ/K	B41	1S		345
kilojoule per kilogram	kJ/kg	B42	1S		357
kilojoule per kilogram kelvin	kJ/(kg·K)	B43	1S		347
kilojoule per mole	kJ/mol	B44	1S		631
kilolitre	kl	K6	1M		58
kilolitre per hour	kl/h	4X	1M		306
kilometre	km	KTM	1S		16
kilometre per hour	km/h	KMH	1S		96
kilomole	kmol	B45	1S		620
kilomole per cubic metre	kmol/m ³	B46	1S		647
kilonewton	kN	B47	1S		192
kilonewton metre	kN·m	B48	1S		202
kiloohm	kΩ	B49	1S		466
kiloohm metre	kΩ·m	B50	1S		477
kilopacket		KF	3.9	Z	1454
kilopascal	kPa	KPA	1S		216
kilopascal square metres per gram	kPa·m ² /g	33	1M		944
kilopascals per millimetre	kPa/mm	34	1M		945
kilopond	kp	B51	2	X	198
kilopound per square inch	klb/in ²	84	3.5	Z	1243
kiloröntgen	kR	KR	2		848
kilosecond	ks	B52	1S		85
kilosegment		KJ	3.6B		1272
kilosiemens	kS	B53	1S		469
kilosiemens per metre	kS/m	B54	1S		484
kilotonne	kt	KTN	1M		145
kilovar	kvar	KVR	1S		504

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
kilovolt	kV	KVT	1S		406
kilovolt - ampere	kV·A	KVA	1S		501
kilovolt ampere (reactive)		K5	1S		502
kilovolt ampere reactive demand		K2	3.5C	Z	1220
kilovolt ampere reactive hour		K3	3.5C	Z	1221
kilovolt per metre	kV/m	B55	1S		399
kilowatt	kW	KWT	1S		284 327 491
kilowatt demand		K1	3.5C		1219
kilowatt hour	kW·h	KWH	1S		273
kiloweber per metre	kWb/m	B56	1S		439
kit		KT	3.2B		1037
knot	kn	KNT	1		100
labour hour		LH	3.1B		971
large spray		LJ	3.9	Z	1387
layer		LR	3.9	Z	1460
leaf		LEF	3.5A		1174
length		LN	3.9	Z	1458 1526
lift		05	3.9	Z	1388
lift van		Z1	3.4C	Z	1165
light year	l.y.	B57	2		33
linear centimetre		LC	3.1C	Z	1002
linear foot		LF	3.1C	Z	1003
linear inch		LI	3.1C	Z	1004
linear metre		LM	3.1C	Z	1007
linear yard		LY	3.1C	Z	1015
linear yard per pound		LX	3.1C	Z	1014
link		LK	3.9	Z	1457
liquid pint (US)	liq pt (US)	PTL	2		69
liquid pound		LP	3.1C		999
liquid quart (US)	liq qt (US)	QTL	2		70
lite		LE	3.9	Z	1456
litre	l	LTR	1		49
litre of pure alcohol		LPA	3.1A	Z	950
litre per day		LD	1M		304
litre per minute	l/min	L2	1M		307
litre per mole	l/mol	B58	1M		629
load		NL	3.4C		1161
locomotive count		1C	3.5C	Z	1198

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
locomotive mile		1K	3.5C	Z	1195
lot		LO	3.9	Z	1459
lug		Z5	3.9	Z	1491
lumen	lm	LUM	1		540
lumen hour	lmh	B59	1S		542
lumen per square metre	lm/m ²	B60	1		544
lumen per watt	lm/W	B61	1		548
lumen second	lms	B62	1		541
lump sum		LS	3.9	Z	1461
lux	lx	LUX	1		545
lux hour	lxh	B63	1S		547
lux second	lx·s	B64	1		546
machine per unit		MA	3.9	Z	1463
magnetic tape		M0	3.6C	Z	1275
manmonth		3C	3.9		1515
mass pound		D98	3.1C	Z	1024
mat		MT	3.3A		1103
maxwell	Mx	B65	3.5C	X	1240
meal		Q3	3.9	Z	1532
mega litre	Ml	MAL	1M		48
megaampere per square metre	MA/m ²	B66	1S		424
megabecquerel	MBq	4N	1S		748
megabecquerel per kilogram	MBq/kg	B67	1S		751
megabyte		4L	3.6B		1270
megacoulomb	MC	D77	1S		374
megacoulomb per cubic metre	MC/m ³	B69	1S		383
megacoulomb per square metre	MC/m ²	B70	1S		390
megaelectronvolt	MeV	B71	1S		277
megagram	Mg	2U	1S		146
megagram per cubic metre	Mg/m ³	B72	1S		164
megagram per hour	Mg/h	2V	3.8B	Z	1326
megahertz	MHz	MHZ	1S		116
megajoule	MJ	3B	1S		267
megajoule per cubic metre	MJ/m ³	JM	1M		517
megajoule per kilogram	MJ/kg	JK	1S		356
megametre	Mm	MAM	3.8A		1323
meganewton	Mn	B73	1S		191
meganewton metre	MN·m	B74	1S		201
megaohm	MΩ	B75	1S		465
megaohm metre	MΩ·m	B76	1S		476

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
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megapascal	MPa	MPA	1S		214
megasiemens per metre	MS/m	B77	1S		483
megavolt	MV	B78	1S		405
megavolt - ampere	MV·A	MVA	1S		500
megavolt per metre	MV/m	B79	1S		398
megawatt	MW	MAW	1S		285 492
megawatt hour (1000 kW·h)	MW·h	MWH	1S		272
mesh		57	3.9		1509
message		NF	3.9	Z	1467
message hour		NH	3.5C	Z	1214
metre	m	MTR	1		10 125 510 564 573 580 677 709 723 784 786 788 799 879 891 895
metre cubed	m ³	MTQ	1		245

metre kelvin	m·K	D18	1		534
metre per minute	m/min	2X	1M		99
metre per second	m/s	MTS	1		95 461
					514 581 584 817
metre per second squared	m/s ²	MSK	1		106 582
metre squared per second (square metres/second US)	m ² /s	S4	1		253
metre to the fourth power	m ⁴	B83	1		243
metric carat		CTM	3.5	X	1257

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
metric gross ton		GT	3.1C	X	1009
metric horse power	metric hp	HJ	2	X	293
metric long ton		E5	3.1C	Z	1011
metric net ton		NT	3.1C	Z	1010
metric ton		TNE	3.1C	Z	1027
mho		NQ	2	X	472
microampere	μA	B84	1S		367
micro-inch	μin	M7	2		28
microbar	μbar	B85	1S		225
microcoulomb	μC	B86	1S		377
microcoulomb per cubic metre	$\mu\text{C}/\text{m}^3$	B87	1S		387
microcoulomb per square metre	$\mu\text{C}/\text{m}^2$	B88	1S		396
microcurie	μCi	M5	2S		743
microfarad	μF	4O	1S		412
microfarad per metre	$\mu\text{F}/\text{m}$	B89	1S		417
microfiche sheet		G7	3.9	Z	1493
microgram	μg	MC	1S		135
microgram per cubic meter	$\mu\text{g}/\text{m}^3$	GQ	1M		167
microhenry	μH	B90	1S		443
microhenry per metre	$\mu\text{H}/\text{m}$	B91	1S		452
microlitre	μl	4G	1M		57
micrometre (micron)	μm	4H	1S		13
micromho		NR	2	X	473
micromole	μmol	FH	1S		622
micronewton	μN	B92	1S		194
micronewton metre	$\mu\text{N}\cdot\text{m}$	B93	1S		204
microohm	$\mu\Omega$	B94	1S		467
microohm metre	$\mu\Omega\cdot\text{m}$	B95	1S		480
micropascal	μPa	B96	1S		223
microradian	μrad	B97	1S		3
microsecond	μs	B98	1S		87
microsiemens	μS	B99	1S		471
microtesla	μT	D81	1S		434
microvolt	μv	D82	1S		409
microvolt per metre	$\mu\text{v}/\text{m}$	C3	1S		403
microwatt	μW	D80	1S		288 496
microwatt per square metre	$\mu\text{W}/\text{m}^2$	D85	1S		592
mile (statute mile)	mile	SMI	2		31
mile per hour	mile/h	HM	2		105
milliampere	mA	4K	1S		366

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
milli-inch	mil	77	2		32
milliard		MLD	3.7A		1291
millibar	mbar	MBR	1S		219
millicoulomb	mC	D86	1S		375
millicoulomb per cubic metre	mC/m ³	D88	1S		386
millicoulomb per kilogram	mC/kg	C8	1S		845
millicoulomb per square metre	mC/m ²	D89	1S		395
millicurie	mCi	MCU	2S		742
milliequivalence caustic potash per gram of product		KO	3.9		1455
millifarad	mF	C10	1S		411
milligal	mGal	C11	1M		108
milligram	mg	MGM	1S		143
milligram per cubic metre	mg/m ³	GP	1M		163
milligram per hour	mg/h	4M	1M		297
milligram per kilogram		NA	3.7C	Z	1312
milligram per metre	mg/m	C12	1S		178
milligram per square foot per side		MF	3.1C	Z	1016
milligram per square inch	mg/in ²	MK	3.5	Z	1244
milligrams per litre	mg/l	M1	1M		166
milligrams per square metre	mg/m ²	GO	1		181
milligray	mGy	C13	1S		832
millihenry	mH	C14	1S		442
millijoule	mJ	C15	1S		268
millilitre	ml	MLT	1S		53
millilitre of water		WW	3.1C	X	1026
millilitre per kilogram	ml/kg	KX	1M		174
millilitre per minute	ml/min	41	1M		303
millilitre per second	ml/s	40	1M		302
millilitres per square centimetre second	ml/(cm ² ·s)	35	1M		946
millimetre	mm	MMT	1S		14
millimetre per second	mm/s	C16	1S		97
millimetre squared per second	mm ² /s	C17	1S		254
millimole	mmol	C18	1S		621
millimole per kilogram	mmol/kg	D87	1S		652
millinewton	mN	C20	1S		193
millinewton metre	mN·m	D83	1S		203
millinewton per metre	mN/m	C22	1S		259
milliohm metre	mΩ·m	C23	1S		479
million		MIO	3.7A		1292
million Btu per 1000 cubic feet	MBTU/kft ²	M9	3.9		1464
million BTU ^S		BZ	3.8B	Z	1324

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
million cubic feet	Mft ³	FM	3.8C	Z	1336
million cubic metre	Mm ³	HMQ	3.8A		1318
million international unit		MIU	3.7A		1298
million particle per cubic foot		FD	3.9	Z	1439
million unit		UM	3.8B	Z	1328
millipascal	mPa	74	1S		213
millipascal second	mPa·s	C24	1S		250
milliradian	mrad	C25	1S		2
milliröntgen	mR	2Y	2		847
millisecond	ms	C26	1S		86
millisiemens	mS	C27	1S		470
millisievert	mSv	C28	1S		836
millitesla	mT	C29	1S		433
millivolt	mv	2Z	1S		408
millivolt per kelvin	mV/K	D49	1S		926
millivolt per metre	mv/m	C30	1S		402
milliwatt	mW	C31	1S		287 495
milliwatt per square metre	mW/m ²	C32	1S		591
milliweber	mWb	C33	1S		437
minute	'	D61	1		5
minute	min	MIN	1		82
MMSCF/day		5E	3.9		1512
mole	mol	C34	1		619
mole per cubic decimetre	mol/dm ³	C35	1S		646
mole per cubic metre	mol/m ³	C36	1		644
mole per kilogram	mol/kg	C19	1		651
mole per litre	mol/l	C38	1		645
monetary value		M4	3.9	Z	1462
month		MON	2		90
mutually defined		ZZ	3.9	Z	1486
nanoampere	nA	C39	1S		368
nanocoulomb	nC	C40	1S		378
nanofarad	nF	C41	1S		413
nanofarad per metre	nF/m	C42	1S		418
nanohenry	nH	C43	1S		444
nanohenry per metre	nH/m	C44	1S		453
nanometre	nm	C45	1S		17
nanohm metre	nΩ·m	C46	1S		481
nanosecond	ns	C47	1S		88

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
nanotesla	nT	C48	1S		435
nanowatt	nW	C49	1S		497
nautical mile	n mile	NMI	1		21
neper	Np	C50	1		128 132 605
neper per second	Np/s	C51	1		131 603
net barrel		ND	3.1B	Z	973
net gallon (us)		NG	3.1B	Z	975
net imperial gallon		NI	3.1B	Z	976
net kilogram		58	3.1C	Z	985
net litre		NE	3.1B	Z	974
net register ton		NTT	3.4A	X	1145
net ton		NT	3.4A		1143
net ton (2000 lb)		STN	3.1C	Z	986
newspage agate line		Z8	3.9	Z	1487
newton	N	NEW	1		190
newton metre	N·m	NU	1		200
newton metre second	N·m·s	C53	1		212
newton metre squared kilogram squared	N·m ² /kg ²	C54	1		199
newton per metre	N/m	4P	1		258
newton per square metre	N/m ²	C55	1S		226
newton per square millimetre	N/mm ²	C56	1S		227
newton second	N·s	C57	1		211
newton second per metre	N·s/m	C58	1		599
nine pack		P9	3.2C	Z	1046
number of articles		NAR	3.7A	Z	1276
number of bobbins		NBB	3.7A	Z	1277
number of cells		NCL	3.7A	Z	1278
number of international units		NIU	3.7A		1279
number of lines		N2	3.9	Z	1496
number of mults		MV	3.7C	Z	1313
number of packs		NMP	3.7A	Z	1280
number of pairs		NPR	3.7A	Z	1281
number of parcels		NPL	3.7A	Z	1282
number of parts		NPT	3.7A	Z	1283
number of rolls		NRL	3.7A	Z	1284
number of screens		NJ	3.7C	Z	1314
octave		C59	1		570
oersted	Oe	66	3.5C	X	1237

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
ohm	Ω	OHM	1		463
ohm centimetre	$\Omega \cdot \text{cm}$	C60	1S		478
ohm metre	$\Omega \cdot \text{m}$	C61	1		474 917
one	1	C62	1		171 237 240 247 351 420 421 446 448 454 455 535 550 552 553 554 558 559 607 616 617 618 633 635 648 649 653 657 658 660 661 663 666 671 675
					679 682 684 688

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
					692
					693
					694
					698
					703
					705
					717
					726
					727
					728
					729
					730
					731
					732
					733
					740
					791
					793
					794
					795
					796
					822
					823
					824
					825
					853
					854
					855
					856
					857
					858
					859
					860
					861
					862
					863
					864
					865
					866
					867
					868
					869
					870
					871

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
					872
					873
					874
					875
					876
					877
					885
					886
					894
					912
					913
					914
					943
			3.5C	X	1230
			3.5C	X	1231
			3.5C	X	1233
			3.5C	X	1234
ounce	oz	ONZ	2		149
ounce av		OZ	3.1C	X	1013
ounce foot	oz:ft	4R	2		210
ounce inch	oz:in	4Q	2		209
ounce per square foot	oz/ft ²	37	2		186
ounce per square yard	oz/yd ²	ON	2		185
ounces per square foot per 0,01 inch	oz/(ft ² /cin)	38	1M		948
outfit		11	3.9	Z	1391
overtime hour		OT	3.1B		972
pack		PK	3.3B 3.3A	Z	1121 1051
packet		PA	3.3A	Z	1052
pad		PD	3.3C	Z	1132
page		ZP	3.5C		1183
page - electronic		P0	3.9	Z	1442
page - facsimile		QA	3.5C	Z	1184
page - hardcopy		QB	3.5C	Z	1185
page per inch		PQ	3.5B		1180
pail		PL	3.3A		1076
pair		PR	3.7B		1302
pair inch		PB	3.8C	Z	1357
pallet (lift)		PF	3.3B	Z	1125
pallet/unit load		D97	3.4B		1148
panel		OA	3.9	Z	1468

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
parsec	pc	C63	1		24
part per billion (US)		61	3.7B		1300
part per million	ppm	59	3.7B		1299
part per thousand		NX	3.7B		1303
pascal	Pa	PAL	1		215 577 654
pascal per kelvin	Pa/K	C64	1		319
pascal second	Pa·s	C65	1		249
pascal second per cubic metre	Pa·s/m ³	C66	1		597
pascal second per metre	Pa·s/m	C67	1		595
peck dry (UK)		PZ	3.5	Z	1264
peck dry (US)		PY	3.5	Z	1265
pen calorie		N1	3.9		1488
pen gram (protein)		D23	3.9		1489
pennyweight		DWT	3.5		1253
percent		P1	3.7B	Z	1301
percent per 1000 hour		62	3.7C	Z	1308
percent weight		60	3.7C	Z	1307
person		IE	3.9	Z	1494
petajoule	PJ	C68	1S		264
phon		C69	1		614
pica		R1	3.5B		1182
picoampere	pA	C70	1S		369
picocoulomb	pC	C71	1S		379
picofarad	pF	4T	1S		414
picofarad per metre	pF/m	C72	1S		419
picohenry	pH	C73	1S		445
picometre	pm	C52	1S		18
picowatt	pW	C75	1S		498
picowatt per square metre	pW/m ²	C76	1S		593
piece		C62	3.2A		1028
pint (UK)	pt (UK)	PTI	2		67
pint (US)		PT	2		66
pitch		PI	3.5B		1179
plate		PG	3.3A		1104
poise	P	89	2		251
pound	lb	LBR	2 3.1C	Z	147 1019
pound equivalent		PE	3.1C	Z	1017
pound gage		C77	3.1C	Z	1021
pound gross		D96	3.1C	Z	1018

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
pound net		PN	3.1C	Z	1023
pound per air dry metric ton		NY	3.5	Z	1249
pound per cubic foot	lb/ft ³	87	2		168
pound per cubic inch	lb/in ³	LA	2		170
pound per foot	lb/ft	P2	2		179
pound per gallon (US)	lb/gal (US)	GE	2		169
pound per hour	lb/h	4U	2		299
pound per inch of length	lb/in	PO	2		180
pound per inch of width		PW	3.1C	Z	1001
pound per piece of product		3G	3.9	Z	1518
pound per pound of product		3E	3.9	Z	1516
pound per ream		RP	3.5C		1178
pound per square foot	lb/ft ²	FP	2		228
pound per square inch, gauge		64	3.1C	X	1000
pound per thousand square feet	lb/kft ²	29	3.8C	Z	1343
pound percentage		PM	3.1C	Z	1022
pound-force	lbf	C78	2		196
pound-force per square inch	lbf/in	PS	2		229
pounds per square inch absolute	lb/in ²	80	2		233
pounds per thousand		5F	3.9	Z	1513
powder filled vial		AW	3.3A	Z	1097
print point		N3	3.5B		1181
proof gallon		PGL	3.1A	Z	051
pump		5G	3.9	Z	1514

quart (UK)	qt (UK)	QTI	2		68
quart (US)		QT	2		73
quarter (of a year)		QAN	3.8A		1320
quarter (UK)		QTR	3.5		1251
quarter dozen		QD	3.7C	Z	1304
quarter hour		QH	3.8C	Z	1341
quarter kilogram		QK	3.8C	Z	1383
quarter mile		1X	3.8B	Z	1325
quintal, metric		DTN	3.5	Z	1248
quire		QR	3.5B		1175

rack		RA	3.3C	Z	1131
rad	rad	C80	2		833
radian	rad	C81	1		1 487 689 883

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
radian meter squared per mole	rad·m ² /mol	C82	1		690
radian metre squared per kilogram	rad· m ² /kg	C83	1		691
radian per metre	rad/m	C84	1		513 575 901
radian per second	rad/s	2A	1		93 123 509 572 720 903
radian per second squared	rad/s ²	2B	1		94
rate		A9	3.9	Z	1500
ration		13	3.9	Z	1392
ream		RM	3.5B		1176
ream metric measure		RN	3.5C	Z	1177
reciprocal ångström	Å ⁻¹	C85	1		900
reciprocal cubic metre	m ⁻³	C86	1		639 813 937
reciprocal cubic metre per second	m ³ /s	C87	1		821
reciprocal electron volt per cubic metre	eV ⁻¹ /m ³	C88	1		916
reciprocal henry	H ⁻¹	C89	1		486
reciprocal joule per cubic metre	J ⁻¹ /m ³	C90	1		915
reciprocal kelvin or kelvin to the power minus one	K ⁻¹	C91	1		318
reciprocal metre	m ⁻¹	C92	1		112 127 512 560 566 574 606
					711 770 777 810 899 902
reciprocal metre squared	m ⁻²	C93	1		526
reciprocal metre squared reciprocal second	m ⁻² /s	B81	1		772

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
reciprocal minute	min ⁻¹	C94	1S		122
reciprocal mole	mol ⁻¹	C95	1		623
reciprocal pascal or pascal to the power minus one	Pa ⁻¹	C96	1		242 320
reciprocal second	s ⁻¹	C97	1		119 124 130 508 522 571 602 719 755 904
reciprocal second per cubic metre	s ⁻¹ /m ³	C98	1		820
reciprocal second per metre squared	s ⁻¹ /m ²	C99	1		525
reciprocal second per steradian	s ⁻¹ /sr	D1	1		523
reciprocal second per steradian metre squared	s ⁻¹ /(sr·m ²)	D2	1		524
reciprocal square metre	m ⁻²	C93	1		771
reel		RL	3.3A		1072
rem	rem	D91	2		837
reset		RS	3.9	Z	1470
revenue ton mile		RT	3.4C		1162
revolutions per minute	r/min	RPM	1		121
revolutions per second	r/s	RPS	1		120
ring		RG	3.3A		1106
rod		RD	3.3A		1081
roll		RO	3.3A		1107
roll metric measure		RK	3.3C	Z	1130
röntgen	R	2C	2		846
röntgen per second	R/s	D6	2		850
round		D65	3.9	Z	1469
run		RU	3.9	Z	1471
running or operating hour		RH	3.1C		1006
sack		SA	3.3A		1056
sandwich		D7	3.9	Z	1474
Saybold universal second		90	3.9	Z	1404
score		SCO	3.7A		1293

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
scruple		SCR	3.5		1252
second	"	D62	1		6
second	s	SEC	1		81 567 604
					613 734 826 888
second per cubic metre	s/m ³	D93	1		910
second per radian cubic metre	s/(rad·m ³)	D94	1		911
section		SE	3.9	Z	1475
segment		SG	3.9	Z	1476
seismic level		5P	3.9	Z	1497
seismic line		5Q	3.9	Z	1498
session		S6	3.9	Z	1472
set		SET	3.2A		1029
seven pack		P7	3.2C	Z	1044
sheet		ST	3.3A		1082
sheet metric measure		SS	3.3C	Z	1129
shelf package		SP	3.9	Z	1477
shipment		SX	3.4B		1149
shipping ton		SHT	3.4A	X	1147
short standard (7200 matches)		SST	3.5C	Z	1241
shot		14	3.9	Z	1393
siemens	S	SIE	1		468
siemens per metre	S/m	D10	1		482 686
siemens square metre per mole	S·m ² /mol	D12	1		687
sievert	Sv	D13	1		835
sitas		56	3.9	Z	1397
six pack		P6	3.2C	Z	1043
sixty fourths of an inch		S5	3.8B	Z	1327
skein		SW	3.9	Z	1481
skid		SV	3.9	Z	1480
sleeve		D99	3.3C	Z	1133
slipsheet		SL	3.3A		1108
small spray		04	3.9	Z	1386
solid pound		SD	3.1C	Z	1025
stone		D15	1		615
split tanktruck		SK	3.4B	Z	1154
spool		SO	3.3B	Z	1126

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
square		SQ	3.9	Z	1478
square centimetre	cm ²	CMK	1S		39
square centimetre per erg	cm ² /erg	D16	2		766
square centimetre per steradian erg	cm ² /(srerg)	D17	2		769
square decimetre	dm ²	DMK	1S		40
square foot	ft ²	FTK	2		43
square foot per second	ft ² /s	S3	2		343
square inch	in ²	INK	2		42
square kilometre	km ²	KMK	1S		35
square metre	m ²	MTK	1		34 612 722
					760
					780
					781
square metre kelvin per watt	m ² ·K/W	D19	1		339
square metre per joule	m ² /J	D20	1		764
square metre per kilogram	m ² /kg	D21	1		778 843
square metre per mole	m ² /mol	D22	1		562 779
square metre per second	m ² /s	S4	1		342 678 681 818
square metre per steradian	m ² /sr	D24	1		762
square metre per steradian joule	m ² /(sr·J)	D25	1		767
square metre per volt second	m ² /(V·s)	D26	1		812
square mile	mile ²	MIK	2		45
square millimetre	mm ²	MMK	1S		41
square rod		SN	3.8C	Z	1335
square yard	yd ²	YDK	2		44
stage		5H	3.9	Z	1508
standard		WSD	3.5A		1171
standard advertising unit		S8	3.9	Z	1490
standard atmosphere	atm	ATM	1		221
standard cubic foot		5I	2		60
steradian	sr	D27	1		9
stick		15	3.9	Z	1394
stokes	St	91	2		255
stone (UK)		STI	2		153

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
storage unit		S7	3.9	Z	1473
strip		SR	3.9	Z	1479
super bulk bag		43	3.3A		1109
suppository		AR	3.3A	Z	1096
syphon		D28	3.9	Z	1521
tablet		U2	3.3A		1095
tank truck		19	3.4B	Z	1155
tank, cylindrical		TY	3.4A		1139
tank, rectangular		TK	3.4A		1138
technical atmosphere	at	ATT	2	X	232
telecommunication line in service average		UB	3.5C		1216
telecommunication line in service		T0	3.5C		1215
telecommunication port		UC	3.5C		1217
ten day		DAD	3.2A		1030
ten kg drum		97	3.3B	Z	1114
ten pack		TP	3.2C	Z	1047
ten pair		TPR	3.8A		1317
ten square feet		TR	3.8C	Z	1355
ten square yard		TF	3.8C	Z	1354
ten thousand gallon (US) tankcar		96	3.4C	Z	1164
ten thousand yard		UH	3.8C	Z	1385
ten yard		YT	3.8C	Z	1356
tenth cubic foot		TA	3.8C	Z	1374
tenth hour		UE	3.8B	Z	1332
tenth minute		UD	3.8B	Z	1331
terahertz	THz	D29	1S		117
terajoule	TJ	D30	1S		265
terawatt	TW	D31	1S		494
terawatt hour	TW·h	D32	1S		275
tesla	T	D33	1		432 922
test specific scale		69	3.9	Z	1399
tex	tex (g/km)	D34	3.5B		1186
theoretical kilograms		53	3.1C	Z	984
theoretical pound		24	3.1C	Z	996
theoretical ton		27	3.1C	Z	989
theoretical tonne		54	3.1C	Z	994
therm		TD	3.8B	Z	1329
thermochemical calorie	cal _{th}	D35	2	X	325
thermochemical calorie per gram	cal _{th} /g	B36	2	X	360
thermochemical calorie per gram kelvin	cal _{th} /(g·K)	D37	2	X	350

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
thermochemical calorie per second centimetre kelvin	$\text{cal}_{\text{th}}/(\text{s}\cdot\text{cm}\cdot\text{K})$	D38	2	X	333
thermochemical calorie per second square centimetre kelvin	$\text{cal}_{\text{th}}/(\text{s}\cdot\text{cm}^2\cdot\text{K})$	D39	2	X	336
thousand		MIL	3.7A		1294
kiloampere hour (thousand ampere hour)	$\text{kA}\cdot\text{h}$	TAH	1M		373
thousand bag		T4	3.8C	Z	1360
thousand board feet		MBF	3.5A		1169
thousand casing		T5	3.8C	Z	1361
thousand cubic feet	kft^3	FC	3.8C	Z	1337
thousand cubic feet per day		F1	3.8C	Z	1378
thousand cubic metre		R9	3.8C	Z	1381
thousand cubic metre per day	km^3/d	TQD	3.8A		1322
thousand feet		TQ	3.8C	Z	1367
thousand feet (linear)		TL	3.8C	Z	1366
thousand gallon (US)		T6	3.8B		1330
thousand impression		T7	3.8C	Z	1362
thousand kilogram		TV	3.8C	Z	1371
thousand linear inch		T8	3.8C	Z	1363
thousand linear metre		TT	3.8C	Z	1369
thousand linear yard		D14	3.8C	Z	1370
thousand litre		D40	3.8C	Z	1384
thousand metre		MQ	3.8C	Z	1334
thousand piece		T3	3.8C	Z	1359
thousand pound gross		T1	3.8C	Z	1358
thousand pound per square inch		KS	3.8C	Z	1380
thousand sheet		TW	3.8C	Z	1373
thousand square centimetre		TJ	3.8C	Z	1365
thousand square feet		TS	3.8C	Z	1368
thousand square inch		TI	3.8C	Z	1364
thousand standard brick equivalent		MBE	3.5A		1170
three pack		P3	3.2C	Z	1040
threehundred kg bulk bag		45	3.3B	Z	1117
tin		TN	3.3A		1057
ton (UK) or longton (US)	ton (UK)	LTN	2		152
ton (US) or short ton (UK/US)	ton (US)	STN	2		154
ton mile		IJ	3.5C	Z	1194
ton of steam per hour		TSH	3.1A	Z	961
ton(US) per hour	ton(US)/h	4W	2		298
tonne (metric ton)	t	TNE	1S		141
tonne of substance 90 % dry		TSD	3.1A	Z	962
tonne per cubic metre	t/m^3	D41	1S		158

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
torr	Torr	UA	2	X	231
total car count		IL	3.5C	Z	1201
total car mile		1M	3.5C	Z	1196
tote		TE	3.3B	Z	1127
track foot		FE	3.5C	Z	1202
trailer		E3	3.4B	Z	1158
train		NN	3.5C	Z	1205
train mile		1F	3.5C	Z	1192
transdermal patch		FG	3.9	Z	1504
tray / tray pack		PU	3.3A		1110
treatment		U1	3.9		1505
trillion (EUR)		TRL	3.7A		1295
trillion (US)		BIL	3.7A		1296
tropical year	a _{trop}	D42	2		92
troy ounce or apothecaries' ounce	tr oz	APZ	2		155
troy pound (US)		LBT	3.5		1256
truckload		TC	3.4B	Z	1156
tube		TU	3.3A		1077
twenty foot container		20	3.4B	Z	1151
twenty pack		4E	3.2C	Z	1049
twenty thousand gallon (US) tankcar		95	3.4C	Z	1163
two pack		OP	3.2C	Z	1039
two week		W4	3.8B	Z	1333
unified atomic mass unit	u	D43	1		668 696 702
unit		C62	3.2B		1038
US gallon per minute	gal(US)/min	G2	2		311
usage per telecommunication line average		UF	3.5C	Z	1218
var	var	D44	1		503
vehicle		NV	3.4C	Z	1159
vial		VI	3.3A		1080
visit		VS	3.9	Z	1506
volt	V	VLT	1		404
					920
volt squared per kelvin squared	V ² /K ²	D45	1		918
volt - ampere	V·A	D46	1		499
volt ampere per kilogram	VA/kg	VA	3.9		1483
volt ampere per pound		71	3.9	Z	1400
volt per centimetre	V/cm	D47	1S		401

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
volt per kelvin	V/K	D48	1		925
volt per metre	V/m	D50	1		397
volt per millimetre	V/mm	D51	1S		400
watt	W	WTT	1		283 326 490 519 588
watt hour	W·h	WHR	1		271 506
watt per kelvin	W/K	D52	1		341
watt per kilogram	W/kg	WA	3.9		1482
watt per metre kelvin	W/(m·K)	D53	1		330
watt per pound		72	3.9	Z	1401
watt per square metre	W/m ²	D54	1		329 460 527 590
					775
watt per square metre kelvin	W/(m ² ·K)	D55	1		334
watt per square metre kelvin to the fourth power	W/(m ² ·K ⁴)	D56	1		533
watt per steradian	W/sr	D57	1		531
watt per steradian square metre	W/(sr·m ²)	D58	1		532
weber	Wb	WEB	1		436 890
weber per metre	Wb/m	D59	1		438
weber per millimetre	Wb/mm	D60	1S		440
week		WEE	2		89
weight per square inch		WI	3.9	Z	1484
wet kilo		W2	3.1B		978
wet pound		WB	3.1B		964
wet ton		WE	3.1B		980
wheel		WH	3.9	Z	1485
wine gallon		WG	3.1C	Z	982
working month		WM	3.1B		977
wrap		WR	3.3C	Z	1128
yard	yd	YRD	2		30
year	a	ANN	2		91

Units of Measure: Code elements listed by name

Name	Representation Symbol	Common code	Level Cat.	Use Id.	Cross ref.
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Annex III

Units of Measure: Code elements listed by common code

Common code	Name	Level	Use	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.

04	small spray		Z				04	1386
05	lift	3.9	Z				05	1388
08	heat lot	3.9	Z				08	1389

10	group	3.9	Z				10	1390
11	outfit	3.9	Z				11	1391
13	ration	3.9	Z				13	1392
14	shot	3.9	Z				14	1393
15	stick	3.9	Z				15	1394
16	hundred fifteen kg drum	3.3B	Z				16	1111
17	hundred lb drum	3.3B	Z				17	1112
18	fiftyfive gallon (US) drum	3.3B	Z				18	1113
19	tank truck	3.4B	Z				19	1155
1A	car mile	3.5C	Z				1A	1191
1B	car count	3.5C	Z				1B	1197
1C	locomotive count	3.5C	Z				1C	1198
1D	caboose count	3.5C	Z				1D	1206
1E	empty car	3.5C	Z				1E	1199
1F	train mile	3.5C	Z				1F	1192
1G	fuel usage gallon (US)	3.5C	Z				1G	1200
1H	caboose mile	3.5C	Z				1H	1193
1I	fixed rate	3.9					1I	1395
1J	ton mile	3.5C	Z				1J	1194
1K	locomotive mile	3.5C	Z				1K	1195
1L	total car count	3.5C	Z				1L	1201
1M	total car mile	3.5C	Z				1M	1196
1X	quarter mile	3.8B	Z				1X	1325

20	twenty foot container	3.4B	Z				20	1151
21	forty foot container	3.4B	Z				21	1152
22	decilitre per gram	1M					22	173
23	gram per cubic centimetre	1S					23	157
24	theoretical pound	3.1C	Z				24	996
25	gram per square centimetre	1M					25	182
26	actual ton	3.1C	Z				26	988
27	theoretical ton	3.1C	Z				27	989
28	kilogram per square metre	1M					28	184
28	kilogram per square metre	1						809

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.
29	pound per thousand square feet	3.8C	Z				29	1343
2A	radian per second	1					2A 2A	93 123
								509 572 720 903
2B	radian per second squared	1					2B	94
2C	röntgen	2					2C	846
2I	British thermal unit per hour	2					2I	328
2J	cubic centimetre per second	1S					2J	305
2K	cubic foot per hour	2					2K	308
2L	cubic foot per minute	2					2L	309
2M	centimetre per second	1S					2M	98
2N	decibel	1					2N	129 601 611
2P	kilobyte	3.6B					2P	1271
2Q	kilobecquerel	1S					2Q	747
2R	kilocurie	2S					2R	744
2U	megagram	1S					2U	146
2V	megagram per hour	3.8B	Z				2V	1326
2W	bin	3.3A					2W	1092
2X	metre per minute	1M					2X	99
2Y	milliröntgen	2					2Y	847
2Z	millivolt	1S					2Z	408
30	horse power day per air dry metric ton	3.5	Z				30	1245
31	catch weight	3.9	Z				31	1396
32	kilogram per air dry metric ton	3.5	Z				32	1246
33	kilopascal square metres per gram	1M					33	944
34	kilopascals per millimetre	1M					34	945
35	millilitres per square centimetre second	1M					35	946
36	cubic feet per minute per square foot	1M					36	947
37	ounce per square foot	2					37	186
38	ounces per square foot per 0,01 inch	1M					38	948
3B	megajoule	1S					3B	267
3C	manmonth	3.9					3C	1515
3E	pound per pound of product	3.9	Z				3E	1516

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
3G	pound per piece of product	3.9	Z				3G	1518
3H	kilogram per kilogram of product	3.9	Z				3H	1519
3I	kilogram per piece of product	3.9	Z				3I	1520
40	millilitre per second	1M					40	302
41	millilitre per minute	1M					41	303
43	super bulk bag	3.3A					43	1109
44	fivehundred kg bulk bag	3.3B	Z				44	1116
45	threehundred kg bulk bag	3.3B	Z				45	1117
46	fifty lb bulk bag	3.3B	Z				46	1119
47	fifty lb bag	3.3B	Z				47	1118
48	bulk car load	3.4C	Z				48	1160
4A	bobbin	3.3A					4A	1093
4B	cap	3.9	Z				4B	1492
4C	centistokes	2					4C	256
4E	twenty pack	3.2C	Z				4E	1049
4G	microlitre	1M					4G	57
4H	micrometre (micron)	1S					4H/MH	13
4K	milliampere	1S					4K	366
4L	megabyte	3.6B					4L	1270
4M	milligram per hour	1M					4M	297
4N	megabecquerel	1S					4N	748
4O	microfarad	1S					4O	412
4P	newton per metre	1					4P	258
4Q	ounce inch	2					4Q	209
4R	ounce foot	2					4R	210
4T	picofarad	1S					4T	414
4U	pound per hour	2					4U	299
4W	ton(US) per hour	2					4W	298
4X	kilolitre per hour	1M					4X	306
53	theoretical kilograms	3.1C	Z				53	984
54	theoretical tonne	3.1C	Z				54	994
56	sitas	3.9	Z				56	1397
57	mesh	3.9					57	1509
58	net kilogram	3.1C	Z				58	985
59	part per million	3.7B					59	1299
5A	barrel per minute	2					5A	310
5B	batch	3.9					5B	1510
5C	gallon(US) per thousand	3.9	Z				5C	1511
5E	MMSCF/day	3.9					5E	1512

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes					Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values		
5F	pounds per thousand	3.9	Z				5F	1513	
5G	pump	3.9	Z				5G	1514	
5H	stage	3.9	Z				5H	1508	
5I	standard cubic foot	2					5I	60	
5J	hydraulic horse power	2					5J	289	
5K	count per minute	3.9	Z				5K	1507	
5P	seismic level	3.9	Z				5P	1497	
5Q	seismic line	3.9	Z				5Q	1498	
60	percent weight	3.7C	Z				60	1307	
61	part per billion (US)	3.7B					61	1300	
62	percent per 1000 hour	3.7C	Z				62	1308	
63	failure rate in time	3.9	Z				63	1398	
64	pound per square inch, gauge	3.1C	X				64	1000	
66	oersted	3.5C	X				66	1237	
69	test specific scale	3.9	Z				69	1399	
71	volt ampere per pound	3.9	Z				71	1400	
72	watt per pound	3.9	Z				72	1401	
73	ampere tum per centimetre	3.9	Z				73	1402	
74	millipascal	1S					74	213	
76	gauss	3.5C	X				76	1238	
77	milli-inch	2					77/T2	32	
78	kilogauss	3.5C	X				78	1239	
80	pounds per square inch absolute	2					80	233	
81	henry	1					81	441	
84	kilopound per square inch	3.5	Z				84	1243	
85	foot pound-force	2					85	206 281	
87	pound per cubic foot	2					87	168	
89	poise	2					89	251	
90	Saybold universal second	3.9	Z				90	1404	
91	stokes	2					91	255	
92	calorie per cubic centimetre	3.9	Z				92	1405	
93	calorie per gram	3.5	X				93	1260	
94	curl unit	3.9	Z				94	1406	
95	twenty thousand gallon (US) tankcar	3.4C	Z				95	1163	
96	ten thousand gallon (US) tankcar	3.4C	Z				96	1164	

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
97	ten kg drum	3.3B	Z				97	1114
98	fifteen kg drum	3.3B	Z				98	1115
A1	15 °C calorie	2	X					323
A10	ampere square metre per joule second	1						716
A11	ångström	1						22
								126
								511
								710
								881
A12	astronomical unit	1						23
A13	attojoule	1S						270
								931
A14	barn	1						761
A15	barn per electron volt	1						765
A16	barn per steradian electron volt,	1						768
A17	barn per steradian	1						763
A18	becquerel per kilogram	1						750
A19	becquerel per metre cubed	1						753
A2	ampere per centimetre	1S						431
A20	British thermal unit per second square foot degree Rankin	2						337
A21	British thermal unit per pound degree Rankin	2						348
A22	British thermal unit per second foot degree Rankin	2						331
A23	British thermal unit per hour square foot degree Rankin	2						338
A24	candela per square metre	1						543
A25	cheval vapeur		X					294
A26	coulomb metre	1						422
								669
A27	coulomb metre squared per volt	1						670
A28	coulomb per cubic centimetre	1S						384
A29	coulomb per cubic metre	1						380
A3	ampere per millimetre	1S						430
A30	coulomb per cubic millimetre	1S						382
A31	coulomb per kilogram second	1						849
A32	coulomb per mole	1						685
A33	coulomb per square centimetre	1S						393
A34	coulomb per square metre	1						388

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
A35	coulomb per square millimetre	1S						392
A36	cubic centimetre per mole	1S						628
A37	cubic decimetre per mole	1S						627
A38	cubic metre per coulomb	1						919
A39	cubic metre per kilogram	1						172
A4	ampere per square centimetre	1S						426
A40	cubic metre per mole	1						626
A41	ampere per square metre	1						423
A42	curie per kilogram	2						749
A43	deadweight tonnage	3.4A						1141
A44	decalitre	1M						59
A45	decametre	1M						20
A47	decitex	3.5B						1187
A48	degree Rankin	2						315
A49	denier	3.5B						1188
A5	ampere square metre	1						456 713
A50	dyn second per cubic centimetre	2	X					596
A51	dyne second per centimetre	2	X					600
A52	dyne second per centimetre to the fifth	2	X					598
A53	electronvolt	1					79	276 738 758 929
A54	electronvolt per metre	1						801 841
A55	electronvolt square metre	1						804
A56	electronvolt square metre per kilogram	1						807
A57	erg	2	X					280 759
A58	erg per centimetre	2	X					802 842
A6	ampere per square metre kelvin squared	1						936
A60	erg per cubic centimetre	2	X					587
A61	erg per gram	2	X					834
A62	erg per gram second	2	X					839
A63	erg per second	2	X					290 589

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
A64	erg per second square centimetre	2	X					594
A65	erg per square centimetre second	2	X					776
A66	erg square centimetre	2	X					805
A67	erg square centimetre per gram	2	X					808
A68	exajoule	1S						263
A69	farad per metre	1						416
A7	ampere per square millimetre	1S						425
A70	femtojoule	1S						269 930
A71	femtometre	1S						19
A73	foot per second squared	2						109
A74	foot pound-force per second	2						291
A75	freight ton	3.4A						1146
A76	gal	1S						107
A77	Gaussian CGS unit of displacement	3.5C	X					1229
A78	Gaussian CGS unit of electric current	3.5C	X					1224
A79	Gaussian CGS unit of electric charge	3.5C	X					1225
A8	ampere second	1						371
A80	Gaussian CGS unit of electric field strength	3.5C	X					1227
A81	Gaussian CGS unit of electric polarization	3.5C	X					1232
A82	Gaussian CGS unit of electric potential	3.5C	X					1228
A83	Gaussian CGS unit of magnetization	3.5C	X					1235
A84	gigacoulomb per cubic metre	1S						381
A85	gigaelectronvolt	1S						278
A86	gigahertz	1S						118
A87	gigaohm	1S						464
A88	gigaohm metre	1S						475
A89	gigapascal	1S						222
A9	rate	3.9	Z				A9	1500
A90	gigawatt	1S						286 493
A91	gon	2						8
A91	grade	2	X					7
A93	gram per cubic metre	1M						162
A94	gram per mole	1S						625
A95	gray	1						831
A96	gray per second	1						838
A97	hectopascal	1S						224
A98	henry per metre	1						451

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.
AA	ball	3.9	Z				AA	1407
AB	bulk pack	3.3B					AB	1120
ACR	acre	2		077	ACR		AC	46
AD	byte	3.6B					AD	1273
AE	ampere per metre	1					AE	428 457
AH	additional minute	3.5C					AH	1208
AI	average minute per call	3.5C					AI	1209
AJ	cop	3.9	Z				AJ	1522
AK	fathom	2					AK	25
AL	access line	3.5C					AL	1210
AM	ampoule	3.3A				AM-AP/31	AM	1063
AMH	ampere hour	1M		263	AMH			372
AMP	ampere	1		260	AMP		68	364
ANN	year	2		366	ANN		YR	91
AP	aluminium pound only	3.1C	Z				AP	997
APZ	troy ounce or apothecaries' ounce	2		201	APZ		TO	155
AQ	anti-hemophilic factor (AHF) unit	3.9					AQ	1501
AR	suppository	3.3A	Z				AR	1096
ARE	are	1		109	ARE			36
AS	assortment	3.9	Z				AS	1408
ASM	alcoholic strength by mass	3.5A		820	ASM			1172
ASU	alcoholic strength by volume	3.5A		821	ASU			1173
ATM	standard atmosphere	1		300	ATM		AT	221
ATT	technical atmosphere	2	X	301	ATT			232
AV	capsule	3.3A					AV	1094
AW	powder filled vial	3.3A	Z				AW	1097
AY	assembly	3.9	Z				AY	1409
AZ	British thermal unit per pound	2					AZ	358

B0	Btu per cubic foot	3.9	Z				B0	1410
B1	barrel (US) per day	3.5B					B1	1189
B11	joule per kilogram kelvin	1						346
B12	joule per metre	1						800 840
B13	joule per metre squared	1						520
B13	joule per square metre	1						774
B14	joule per metre to the fourth power	1						518
B15	joule per mole	1						630
								632

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
								634
B16	joule per mole kelvin	1						636
B18	joule second	1						708
B2	bunk	3.9	Z				B2	1411
B20	joule square metre per kilogram	1						806
B21	kelvin per watt	1						340
B22	kiloampere	1S						365
B23	kiloampere per square metre	1S						427
B24	kiloampere per metre	1S						429
B25	kilobecquerel per kilogram	1S						752
B26	kilocoulomb	1S						376
B27	kilocoulomb per cubic metre	1S						385
B28	kilocoulomb per square metre	1S						394
B29	kiloelectronvolt	1S						279
B3	batting pound	3.1C					B3	998
B31	kilogram metre per second	1						187
B32	kilogram metre squared	1						189
B33	kilogram metre squared per second	1						188
B34	kilogram per cubic decimetre	1S						165
B35	kilogram per litre	1S						160
B35	kilogram per litre	1						643
B35	kilogram per litre of product	3.9	Z				3F	1517
B36	thermochemical calorie per gram	2	X					360
B37	kilogram-force	2	X					197
B38	kilogram-force metre	2	X					207 282
B39	kilogram-force metre per second	2	X					292
B4	barrel, imperial	3.5	Z				B4	1266
B40	kilogram-force per square metre	2	X					230
B41	kilojoule per kelvin	1S						345
B42	kilojoule per kilogram	1S						357
B43	kilojoule per kilogram kelvin	1S						347
B44	kilojoule per mole	1S						631
B45	kilomole	1S						620
B46	kilomole per cubic metre	1S						647
B47	kilonewton	1S						192
B48	kilonewton metre	1S						202
B49	kiloohm	1S						466
B5	billet	3.9	Z				B5	1412
B50	kiloohm metre	1S						477
B51	kilopond	2	X					198

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
B52	kilosecond	1S						85
B53	kilosiemens	1S						469
B54	kilosiemens per metre	1S						484
B55	kilovolt per metre	1S						399
B56	kiloweber per metre	1S						439
B57	light year	2						33
B58	litre per mole	1M						629
B59	lumen hour	1S						542
B6	bun	3.9	Z				B6	1413
B60	lumen per square metre	1						544
B61	lumen per watt	1						548
B62	lumen second	1						541
B63	lux hour	1S						547
B64	lux second	1						546
B65	maxwell	3.5C	X					1240
B66	megaampere per square metre	1S						424
B67	megabecquerel per kilogram	1S						751
B69	megacoulomb per cubic metre	1S						383
B7	cycle	3.9					B7	1403
B70	megacoulomb per square metre	1S						390
B71	megaelectronvolt	1S						277
B72	megagram per cubic metre	1S						164
B73	meganewton	1S						191
B74	meganewton metre	1S						201
B75	megaohm	1S						465
B76	megaohm metre	1S						476
B77	megasiemens per metre	1S						483
B78	megavolt	1S						405
B79	megavolt per metre	1S						398
B8	joule per cubic metre	1						458 516 586
B81	reciprocal metre squared reciprocal second	1						772
B83	metre to the fourth power	1						243
B84	microampere	1S						367
B85	microbar	1S						225
B86	microcoulomb	1S						377
B87	microcoulomb per cubic metre	1S						387
B88	microcoulomb per square metre	1S						396

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
B89	microfarad per metre	1S						417
B9	batt	3.9	Z				B9	1414
B90	microhenry	1S						443
B91	microhenry per metre	1S						452
B92	micronewton	1S						194
B93	micronewton metre	1S						204
B94	microohm	1S						467
B95	microohm metre	1S						480
B96	micropascal	1S						223
B97	microradian	1S						3
B98	microsecond	1S						87
B99	microsiemens	1S						471
BAR	bar	1		309	BAR			217 578
BB	base box	3.3B	Z				BB	1122
BD	board	3.3A				BD/16	B8	1083
BE	bundle	3.3A				BE/61 to 65	BD	1071
BFT	board foot	3.5A		154	BFT		BF	1167
BG	bag	3.3A				BG/62- 64	BG	1054
BH	brush	3.9	Z				BH	1415
BHP	brake horse power	2		213	BHP		BQ	295
BIL	billion (EUR)	3.7A		801	BIL			1285
BIL	trillion (US)	3.7A		801	BIL			1296
BJ	bucket	3.3A				BJ/51	BC	1069
BK	basket	3.3A				BK/27	BS	1098
BL	bale	3.3A				BL- BN/65	BA	1058
BLD	dry barrel (US)	2		151	BLD			78
BLL	barrel (US) (petroleum etc.)	2		146	BLL		BR	77
BO	bottle	3.3A				BO/32 or 33	BO	1064
BP	hundred board feet	3.5A					BP	1168
BQL	becquerel	1		323	BQL		R2	745 827
BR	bar	3.3A				BR/16	BI	1053
BT	bolt	3.3A				BT/13	BM	1085
BTU	British thermal unit	2		275	BTU		BY	322
BUA	bushel (US)	2		150	BUA		BU	76
BUI	bushel (UK)	2		140	BUI		BV	75
BW	base weight	3.9	Z				BW	1420

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes					Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values		
BX	box	3.3A					BX/21 or 25	BX	1062
BZ	million BTU ^s	3.8B	Z					BZ	1324
C0	call	3.5C						C0	1213
C1	composite product pound (total weight)	3.9	Z					C1	1421
C10	millifarad	1S							411
C11	milligal	1M							108
C12	milligram per metre	1S							178
C13	milligray	1S							832
C14	millihenry	1S							442
C15	millijoule	1S							268
C16	millimetre per second	1S							97
C17	millimetre squared per second	1S							254
C18	millimole	1S							621
C19	mole per kilogram	1							651
C2	carset	3.5C	Z					C2	1207
C20	millinewton	1S							193
C22	millinewton per metre	1S							259
C23	milliohm metre	1S							479
C24	millipascal second	1S							250
C25	milliradian	1S							2
C26	millisecond	1S							86
C27	millisiemens	1S							470
C28	millisievert	1S							836
C29	millitesla	1S							433
C3	microvolt per metre	1S							403
C30	millivolt per metre	1S							402
C31	milliwatt	1S							287 495
C32	milliwatt per square metre	1S							591
C33	milliweber	1S							437
C34	mole	1							619
C35	mole per cubic decimetre	1S							646
C36	mole per cubic metre	1							644
C38	mole per litre	1							645
C39	nanoampere	1S							368
C4	carload	3.5C	Z					C4	1203
C40	nanocoulomb	1S							378
C41	nanofarad	1S							413

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
C42	nanofarad per metre	1S						418
C43	nanohenry	1S						444
C44	nanohenry per metre	1S						453
C45	nanometre	1S						17
C46	nanoohm metre	1S						481
C47	nanosecond	1S						88
C48	nanotesla	1S						435
C49	nanowatt	1S						497
C5	cost	3.9	Z				C5	1422
C50	neper	1						128 132 605
C51	neper per second	1						131 603
C52	picometre	1S						18
C53	newton metre second	1						212
C54	newton metre squared kilogram squared	1						199
C55	newton per square metre	1S		294				226
C56	newton per square millimetre	1S		298				227
C57	newton second	1						211
C58	newton second per metre	1						599
C59	octave	1						570
C6	cell	3.9	Z				C6	1423
C60	ohm centimetre	1S						478
C61	ohm metre	1						474 917
C62	one	1						171 237 240 247 351 420 421 446 448 454 455 535 550 552 553

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
								554
								558
								559
								607
								616
								617
								618
								633
								635
								648
								649
								653
								657
								658
								660
								661
								663
								666
								671
								675
								679
								682
								684
								688
								692
								693
								694
								698
								703
								705
								717
								726
								727
								728
								729
								730
								731
								732
								733
								740
								791
								793

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
								794
								795
								796
								822
								823
								824
								825
								853
								854
								855
								856
								857
								858
								859
								860
								861
								862
								863
								864
								865
								866
								867
								868
								869
								870
								871
								872
								873
								874
								875
								876
								877
								885
								886
								894
								912
								913
								914
								943
	piece	3.2A		796	PCE		PC	1028
	unit	3.2B					UN	1038
	one	3.5C	X					1230
								1231

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
								1233 1234
C63	parsec	1						24
C64	pascal per kelvin	1						319
C65	pascal second	1						249
C66	pascal second per cubic metre	1						597
C67	pascal second per metre	1						595
C68	petajoule	1S						264
C69	phon	1						614
C7	centipoise	2					C7	252
C70	picoampere	1S						369
C71	picocoulomb	1S						379
C72	picofarad per metre	1S						419
C73	picohenry	1S						445
C75	picowatt	1S						498
C76	picowatt per square metre	1S						593
C77	pound gage	3.1C	Z					1021
C78	pound-force	2						196
C8	millicoulomb per kilogram	1S						845
C80	rad	2						833
C81	radian	1						1 487 689 883
C82	radian meter squared per mole	1						690
C83	radian metre squared per kilogram	1						691
C84	radian per metre	1						513 575 901
C85	reciprocal ångström	1						900
C86	reciprocal cubic metre	1						639 813 937
C87	reciprocal cubic metre per second	1						821
C88	reciprocal electron volt per cubic metre	1						916
C89	reciprocal henry	1						486
C9	coil group	3.9	Z				C9	1424
C90	reciprocal joule per cubic metre	1						915
C91	reciprocal kelvin or kelvin to the power minus one	1						318

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
C92	reciprocal metre	1						112
								127
								512
								560
								566
								574
								606
								711
								770
								777
								810
								899
								902
C93	reciprocal metre squared	1						526
C93	reciprocal square metre	1						771
C94	reciprocal minute	1S						122
C95	reciprocal mole	1						623
C96	reciprocal pascal or pascal to the power minus one	1						242
								320
C97	reciprocal second	1						119
								124
								130
								508
								522
								571
								602
								719
								755
								904
C98	reciprocal second per cubic metre	1						820
C99	reciprocal second per metre squared	1						525
CA	can	3.3A				CA- CX/22- 32	CN	1061
CCT	carrying capacity in metric ton	3.4A		185	CCT			1137
CDL	candela	1		282	CDL			539
CEL	degree Celsius	1		280	CEL		CE	316
CEN	hundred	3.7A		797	CEN		HU	1290
CG	card	3.9	Z				CG	1425
CGM	centigram	1M		173	CGM		AF	140
CH	container	3.4B					CH	1150
CJ	cone	3.9	Z				CJ	1426

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.

CK	connector	3.9	Z				CK	1427
CKG	coulomb per kilogram	1		349	CKG			844
CL	coil	3.3A				CL/14	CX	1075
CLF	hundred leave	3.8A		626	CLF			1315
CLT	centilitre	1S		117	CLT		C3	55
CMK	square centimetre	1S		051	CMK		SC	39
CMQ	cubic centimetre	1S		111	CMQ		CC	51
CMT	centimetre	1S		004	CMT		CM	12
CMT	centimetre	3.5C	X					1236
CNP	hundred pack	3.2C	Z				4F	1050
CNP	hundred pack	3.8A		781	CNP			1316
CNT	cental (UK)	3.5		192	CNT			1258
CO	carboy	3.3A				CO-CP/43	CB	1068
COU	coulomb	1		270	COU		65	370 683 707
CQ	cartridge	3.9	Z				CQ	1428
CR	crate	3.3A				CR/24 to 25	CP	1074
CS	case	3.3A				CS/21 or 25	CA	1059
CT	carton	3.3A				CT/ 22 to 24	CT	1060
CTM	metric carat	3.5	X	162	CTM			1257
CU	cup	3.3A				CU/51	CU	1099
CUR	curie	2		305	CUR		4D	741 828
CV	cover	3.3A				CV/67	CV	1100
CWA	hundred pounds (cwt)/ hundred weight (US)	2		193	CWA		CW HV	151
CWI	hundred weight (UK)	2		194	CWI		HW	150
CY	cylinder	3.3A				CY/12	CL	1073
CZ	combo	3.9	Z				CZ	1430

D1	reciprocal second per steradian	1						523
D10	siemens per metre	1						482 686
D12	siemens square metre per mole	1						687
D13	sievert	1						835
D14	thousand linear yard	3.8C	Z				TU	1370

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
D15	sonne	1						615
D16	square centimetre per erg	2						766
D17	square centimetre per steradian erg	2						769
D18	metre kelvin	1						534
D19	square metre kelvin per watt	1						339
D2	reciprocal second per steradian metre squared	1						524
D20	square metre per joule	1						764
D21	square metre per kilogram	1						778 843
D22	square metre per mole	1						562 779
D23	pen gram (protein)	3.9					4N	1489
D24	square metre per steradian	1						762
D25	square metre per steradian joule	1						767
D26	square metre per volt second	1						812
D27	steradian	1						9
D28	syphon	3.9	Z					1521
D29	terahertz	1S						117
D30	terajoule	1S						265
D31	terawatt	1S						494
D32	terawatt hour	1S						275
D33	tesla	1						432 922
D34	tex	3.5B						1186
D35	thermochemical calorie	2	X					325
D37	thermochemical calorie per gram kelvin	2	X					350
D38	thermochemical calorie per second centimetre kelvin	2	X					333
D39	thermochemical calorie per second square centimetre kelvin	2	X					336
D40	thousand litre	3.8C	Z					1384
D41	tonne per cubic metre	1S						158
D42	tropical year	2						92
D43	unified atomic mass unit	1						668
								696 702
D44	var	1						503
D45	volt squared per kelvin squared	1						918
D46	volt - ampere	1						499
D47	volt per centimetre	1S						401

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
D48	volt per kelvin	1						925
D49	millivolt per kelvin	1S						926
D5	kilogram per square centimeter	2					D5	235
D50	volt per metre	1						397
D51	volt per millimetre	1S						400
D52	watt per kelvin	1						341
D53	watt per metre kelvin	1						330
D54	watt per square metre	1						329 460 527 590 775
D55	watt per square metre kelvin	1						334
D56	watt per square metre kelvin to the fourth power	1						533
D57	watt per steradian	1						531
D58	watt per steradian square metre	1						532
D59	weber per metre	1						438
D6	röntgen per second	2						850
D60	weber per millimetre	1S						440
D61	minute	1						5
D62	second	1					03	6
D63	book	3.9	Z				BK	1417
D64	block	3.9	Z				BL	1418
D65	round	3.9	Z				RO	1469
D66	cassette	3.9	Z				CS	1429
D67	dollar per hour	3.9	Z				A8	1499
D69	inch to the fourth power	2						244
D7	sandwich	3.9	Z				SA	1474
D70	International Table (IT) calorie	2	X					324
D71	International Table (IT) calorie per second centimetre kelvin	2	X					332
D72	International Table (IT) calorie per second square centimetre kelvin	2	X					335
D73	joule square metre	1						803
D74	kilogram per mole	1						624
D75	International Table (IT) calorie per gram	2	X					359
D76	International Table (IT) calorie per gram kelvin	2	X					349

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
D77	megacoulomb	1S						374
D79	beam	3.3B	Z				BE	1123
D8	draize score	3.7C	Z				D8	1306
D80	microwatt	1S						288 496
D81	microtesla	1S						434
D82	microvolt	1S						409
D83	millinewton metre	1S						203
D85	microwatt per square metre	1S						592
D86	millicoulomb	1S						375
D87	millimole per kilogram	1S						652
D88	millicoulomb per cubic metre	1S						386
D89	millicoulomb per square metre	1S						395
D9	dyne per square centimetre	2	X					579
D9	dyne per square centimeter	3.9	X				D9	1436
D90	cubic metre (net)	3.1B	Z				CO	970
D91	rem	2						837
D92	band	3.9	Z				BJ	1416
D93	second per cubic metre	1						910
D94	second per radian cubic metre	1						911
D95	joule per gram	1S					JG	355
D96	pound gross	3.1C	Z				PG	1018
D97	pallet/unit load	3.4B					PL	1148
D98	mass pound	3.1C	Z				PU	1024
D99	sleeve	3.3C	Z				SL	1133
DAA	decare	1M		058	DAA			37
DAD	ten day	3.2A		361	DAD			1030
DAY	day	1		359	DAY		DA	84
DB	dry pound	3.1B					DB	963
DC	disk (disc)	3.9	Z				DC	1431
DD	degree	1					DD	4 884
DE	deal	3.9	Z				DE	1432
DEC	decade	3.8A		368	DEC			1321
DG	decigram	1M					DG	137
DI	dispenser	3.3B	Z				DI	1124
DJ	decagram	1M					DJ	136
DLT	decilitre	1M		118	DLT		DL	56
DMK	square decimetre	1S		053	DMK		D3	40
DMQ	cubic decimetre	1S		112	DMQ		C8	52
DMT	decimetre	1M		005	DMT		DM	11

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.
DN	decinewton metre	1S					DN	205
DPC	dozen piece	3.2A		740	DPC			1033
DPR	dozen pair	3.2A		733	DPR		DP	1031
DPT	displacement tonnage	3.4A		184	DPT			1140
DQ	data record	3.6B	Z				DQ	1274
DR	drum	3.3A				DR/34	DR	1055
DRA	dram (US)	3.5		200	DRA		DF	1262
DRI	dram (UK)	3.5		188	DRI			1261
DRL	dozen roll	3.2A		737	DRL			1034
DRM	drachm (UK)	3.5		199	DRM			1242
DS	display	3.9	Z				DS	1433
DT	dry ton	3.1B					DT	979
DTN	decitonne	1M		206	DTN			142
DTN	centner, metric	3.5	Z	206	DTN			1247
DTN	quintal, metric	3.5	Z	206	DTN			1248
DU	dyne	2	X				DU	195
DWT	pennyweight	3.5		198	DWT		WP	1253
DX	dyne per centimetre	2	X				DX	260
DY	directory book	3.9	Z				DY	1434
DZN	dozen	3.7A		641	DZN		DZ	1287
DZP	dozen pack	3.2A		780	DZP			1032
E10	degree days	3.5A						1533
E11	gigacalorie	3.5A	X					1534
E2	belt	3.9	Z				BT	1419
E3	trailer	3.4B	Z				NT	1158
E4	gross kilogram	3.1B	Z				GT	967
E5	metric long ton	3.1C	Z				MT	1011
EA	each	3.2B	Z				EA	1036
EB	electronic mail box	3.9	Z				EB	1435
EC	each per month	3.9	Z				EC	1503
EP	eleven pack	3.2C	Z				EP	1048
EQ	equivalent gallon	3.1C	Z				EQ	981
EV	envelope	3.9	Z				EV	1451
F1	thousand cubic feet per day	3.8C	Z				F1	1378
F9	fibre per cubic centimetre of air	3.9	Z				F9	1437
FAH	degree Fahrenheit	2		281	FAH		FA	317
FAR	farad	1		314	FAR		83	410
FB	field	3.9	Z				FB	1438

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
FC	thousand cubic feet	3.8C	Z				FC	1337
FD	million particle per cubic foot	3.9	Z				FD	1439
FE	track foot	3.5C	Z				FE	1202
FF	hundred cubic metre	3.8C	Z				FF	1382
FG	transdermal patch	3.9	Z				FG	1504
FH	micromole	1S					FH	622
FL	flake ton	3.1C					FL	990
FM	million cubic feet	3.8C	Z				FM	1336
FOT	foot	2		041	FOT		FT	29
FP	pound per square foot	2					FP	228
FR	foot per minute	2					FR	101
FS	foot per second	2					FS	104
FTK	square foot	2		073	FTK		SF	43
FTQ	cubic foot	2		132	FTQ		CF	62

G2	US gallon per minute	2					G2	311
G3	Imperial gallon per minute	2					G3	312
G7	microfiche sheet	3.9	Z				G7	1493
GB	gallon (US) per day	3.5C					GB	1190
GBQ	gigabecquerel	1M		302	GBQ		G4	746
GC	gram per 100 gram	3.7C	Z				GC	1310
GD	gross barrel	3.1B	Z				GD	965
GE	pound per gallon (US)	2					GE	169
GF	gram per metre (gram per 100 centimetres)	1M					GF	176
GFI	gram of fissile isotope	3.1A	Z	306	GFI			952
GGR	great gross	3.7A		731	GGR		GG	1289
GH	half gallon (US)	3.8C	Z				GH	1339
GIA	gill (US)	3.5		142	GIA			1268
GII	gill (UK)	3.5		136	GII		G5	1267
GJ	gram per millilitre	1S					GJ	159
GK	gram per kilogram	3.7C	Z				GK	1311
GL	gram per litre	1S					GL	161
GLD	dry gallon (US)	2		149	GLD			79
GLI	gallon (UK)	2		139	GLI		GI	64
GLL	gallon (US)	2		145	GLL		GA	65
GM	gram per square metre	1M					GM	183
GN	gross gallon	3.1B	Z				GN	966
GO	milligrams per square metre	1					GO	181
GP	milligram per cubic metre	1M					GP	163
GQ	microgram per cubic meter	1M					GQ	167

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.

GRM	gram	1S		163	GRM		GR	139
GRN	grain	2		189	GRN		GX	148
GRO	gross	3.7A		638	GRO		GS	1288
GRT	gross register ton	3.4A	X	181	GRT			1144
GT	gross ton	3.1B					TG	969
GT	metric gross ton	3.1C	X				MG	1009
GT	gross ton	3.4A						1142
GV	gigajoule	1S					GV	266
GW	gallon per thousand cubic feet	3.5	Z				GW	1250
GWH	gigawatt hour	1S		247	GWH			274
GY	gross yard	3.1B	Z				GY	968
GZ	gage system	3.9	Z				GZ	1440

H1	half page - electronic	3.9	Z				H1	1441
H2	half litre	3.8C	Z				H2	1379
HA	hank	3.9					HA	1443
HAR	hectare	1S		059	HAR			38
HBA	hectobar	1M		310	HBA			218
HBX	hundred boxe	3.2A		683	HBX		HB	1035
HC	hundred count	3.7C	Z				HC	1309
HD	half dozen	3.7C	Z				HD	1305
HE	hundredth of a carat	3.5	Z				HE	1255
HF	hundred feet	3.8C	Z				HF	1345
HGM	hectogram	1M		160	HGM		HG	144
HH	hundred cubic feet	3.8C	Z				HH	1346
HI	hundred sheet	3.8C	Z				HI	1347
HIU	hundred international unit	3.7A		853	HIU			1297
HJ	metric horse power	2	X				HJ	293
HK	hundred kilogram	3.8C	Z				HK	1348
HL	hundred feet (linear)	3.8C	Z				HL	1344
HLT	hectolitre	1S		122	HLT		H4	54
HM	mile per hour	2					HM	105
HMQ	million cubic metre	3.8A		159	HMQ			1318
HMT	hectometre	1M		017	HMT		EI	15
HN	conventional millimetre of mercury	2	X				HN	236
HO	hundred troy ounce	3.8C	Z				HO	1350
HP	conventional millimetre of water	2	X				HP	234
HPA	hectolitre of pure alcohol	3.1A	Z	833	HPA			949
HS	hundred square feet	3.8C	Z				HS	1351
HT	half hour	3.8C	Z				HT	1342

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.
HTZ	hertz	1		290	HTZ		HZ	114 507 569
HUR	hour	1		356	HUR		HR	83
HY	hundred yard	3.8C	Z				HY	1352

IA	inch pound (pound inch)	2					IA	208
IC	count per inch	3.9	Z				IC	1444
IE	person	3.9	Z				IE	1494
IF	inches of water	3.1C	X				IF	1005
II	column inch	3.9	Z				II	1495
IL	inch per minute	3.5	Z				IL	1263
IM	impression	3.9	Z				IM	1445
INH	inch	2		039	INH		IN	27
INK	square inch	2		071	INK		SI	42
INQ	cubic inch	2		131	INQ		CI	61
INQ	inch cubed	2						246
IP	insurance policy	3.9	Z				IP	1446
IT	count per centimetre	3.9	Z				IT	1447
IU	inch per second (vibration)	2					IB	102
IU	inch per second (linear speed)	2					IU	103
IV	inch per second squared (acceleration)	2					IV	110
IV	inch per second squared (vibration acceleration)	2					IW	111

J2	joule per kilogram	1					J2	354
JB	jumbo	3.4B	Z				JB	1153
JE	joule per kelvin	1					JE	344 353 676
JG	jug	3.3A				JG/41	JU	1102
JK	megajoule per kilogram	1S					JK	356
JM	megajoule per cubic metre	1M					JM	517
JO	joint	3.9	Z				JO	1448
JOU	joule	1		271	JOU		86	261 321 505 515 712 736 757

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.
								829 928
JR	jar	3.3A				JR/41	JR	1101
K1	kilowatt demand	3.5C					K1	1219
K2	kilovolt ampere reactive demand	3.5C	Z				K2	1220
K3	kilovolt ampere reactive hour	3.5C	Z				K3	1221
K5	kilovolt ampere (reactive)	1S					K5	502
K6	kilolitre	1M					K6	58
KA	cake	3.9	Z				KA	1449
KB	kilocharacter	3.9	Z				KB	1452
KBA	kilobar	1M		312	KBA			220
KD	kilogram decimal	3.9	Z				KD	1453
KEL	kelvin	1		288	KEL		KV	314 905
KF	kilopacket	3.9	Z				KF	1454
KG	keg	3.3A				KG/44 or 45	KE	1070
KGM	kilogram	1		166	KGM		KG	138 667 695 701 942
KGS	kilogram per second	1		499	KGS			296
KHZ	kilohertz	1S		291	KHZ			115
KI	kilogram per millimetre width	3.1C					KI	992
KJ	kilosegment	3.6B					KJ	1272
KJO	kilojoule	1S		273	KJO			262
KL	kilogram per metre	1					KL	175
KMH	kilometre per hour	1S		333	KMH		KP	96
KMK	square kilometre	1S		061	KMK			35
KMQ	kilogram per cubic metre	1		316	KMQ		KC	156 576 642
KNI	kilogram of nitrogen	3.1A	Z	861	KNI			954
KNS	kilogram named substance	3.1A	Z	841	KNS			953
KNT	knot	1		327	KNT			100
KO	milliequivalence caustic potash per gram of product	3.9					KO	1455
KPA	kilopascal	1S		297	KPA		KQ	216
KPH	kilogram of potassium hydroxide (caustic potash)	3.1A	Z	859	KPH			956

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
KPO	kilogram of potassium oxide	3.1A	Z	857	KPO			957
KPP	kilogram of phosphorus pentoxide (phosphoric anhydride)	3.1A	Z	865	KPP			955
KR	kiloröntgen	2					KR	848
KS	thousand pound per square inch	3.8C	Z				KS	1380
KSD	kilogram of substance 90 % dry	3.1A	Z	845	KSD			959
KSH	kilogram of sodium hydroxide (caustic soda)	3.1A	Z	863	KSH			958
KT	kit	3.2B					KT	1037
KTM	kilometre	1S		008	KMT		DK	16
KTN	kilotonne	1M		170	KTN			145
KUR	kilogram of uranium	3.1A	Z	867	KUR			960
KVA	kilovolt - ampere	1S		227	KVA		K4	501
KVR	kilovar	1S		230	KVR			504
KVT	kilovolt	1S		223	KVT			406
KW	kilograms per millimeter	1M					KW	177
KWH	kilowatt hour	1S		245	KWH		KH	273
KWT	kilowatt	1S		214	KWT		K7	284 327 491
KX	millilitre per kilogram	1M					KX	174
L2	litre per minute	1M					L2	307
LA	pound per cubic inch	2					LA	170
LBR	pound	2		186	LBR		LB	147
LBR	pound decimal	3.1C	Z				PJ	1019
LBT	troy pound (US)	3.5		202	LBT		TX	1256
LC	linear centimetre	3.1C	Z				LC	1002
LD	litre per day	1M					LD/LQ	304
LE	lite	3.9	Z				LE	1456
LEF	leaf	3.5A		625	LEF			1174
LF	linear foot	3.1C	Z				LF	1003
LH	labour hour	3.1B					LH	971
LI	linear inch	3.1C	Z				LI	1004
LJ	large spray	3.9	Z				LJ	1387
LK	link	3.9	Z				LK	1457
LM	linear metre	3.1C	Z				LM	1007
LN	length	3.9	Z				LN	1458 1526
LO	lot	3.9	Z				LO	1459
LP	liquid pound	3.1C					LP	999

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.
LPA	litre of pure alcohol	3.1A	Z	831	LPA			950
LR	layer	3.9	Z				LR	1460
LS	lump sum	3.9	Z				LS	1461
LTN	ton (UK) or longton (US)	2		196	LTN		LG	152
LTR	litre	1		112	LTR		LT	49
LUM	lumen	1		284	LUM			540
LUX	lux	1		283	LUX			545
LX	linear yard per pound	3.1C	Z				LX	1014
LY	linear yard	3.1C	Z				LY	1015
M0	magnetic tape	3.6C	Z				M0	1275
M1	milligrams per litre	1M					M1	166
M4	monetary value	3.9	Z				M4	1462
M5	microcurie	2S					M5	743
M7	micro-inch	2					M7	28
M9	million Btu per 1000 cubic feet	3.9					M9	1464
MA	machine per unit	3.9	Z				MA	1463
MAL	mega litre	1M		126	MAL			48
MAM	megametre	3.8A		009	MAM			1323
MAW	megawatt	1S		215	MAW			285 492
MBE	thousand standard brick equivalent	3.5A		630	MBE			1170
MBF	thousand board feet	3.5A		155	MBF		TM	1169
MBR	millibar	1S		308	MBR		M6	219
MC	microgram	1S					MC	135
MCU	millicurie	2S		304	MCU		MU	742
MD	air dry metric ton	3.1C					MD	1008
MF	milligram per square foot per side	3.1C	Z				MF	1016
MGM	milligram	1S		161	MGM		ME	143
MHZ	megahertz	1S		292	MHZ		N6	116
MIK	square mile	2		079	MIK		SB	45
MIL	thousand	3.7A		798	MIL		TH	1294
MIN	minute	1		355	MIN		MJ	82
MIO	million	3.7A		799	MIO			1292
MIU	million international unit	3.7A		855	MIU			1298
MK	milligram per square inch	3.5	Z				MK	1244
MLD	billion (US)	3.7A		800	MLD			1286
MLD	milliard	3.7A		800	MLD			1291
MLT	millilitre	1S		111	MLT		ML	53
MMK	square millimetre	1S		050	MMK		MS	41

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
MMQ	cubic millimetre	1S		110	MMQ			50
MMT	millimetre	1S		003	MMT		MM	14
MON	month	2		362	MON		MO	90
MPA	megapascal	1S		298	MPA		M8	214
MQ	thousand metre	3.8C	Z				MQ	1334
MQH	cubic metre per hour	1M		598	MQH		4V	301
MQS	cubic metre per second	1		596	MQS			300 583 816
MSK	metre per second squared	1		335	MSK		4J	106 582
MT	mat	3.3A				MT/67	M3	1103
MTK	square metre	1		055	MTK		SM	34 612
								722 760 780 781
MTQ	cubic metre	1		113	MTQ		CR	47
MTQ	metre cubed	1						245
MTR	metre	1		006	MTR		MR	10 125 510 564 573 580 677 709 723 784 786 788 799 879 891 895
MTS	metre per second	1		328	MTS		4I	95 461 514 581 584 817

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.
MV	number of mulds	3.7C	Z				MV	1313
MVA	megavolt - ampere	1S		228	MVA			500
MWH	megawatt hour (1000 kW.h)	1S		246	MWH		T9	272
N1	pen calorie	3.9					N1	1488
N2	number of lines	3.9	Z				N2	1496
N3	print point	3.5B					N3	1181
NA	milligram per kilogram	3.7C	Z				NA	1312
NAR	number of articles	3.7A	Z	657	NAR			1276
NB	barge	3.4B	Z				NB	1157
NBB	number of bobbins	3.7A	Z	616	NBB			1277
NC	car	3.5C	Z				NC	1204
NCL	number of cells	3.7A	Z	745	NCL			1278
ND	net barrel	3.1B	Z				ND	973
NE	net litre	3.1B	Z				NE	974
NEW	newton	1		289	NEW		NW/3A	190
NF	message	3.9	Z				NF	1467
NG	net gallon (us)	3.1B	Z				NG	975
NH	message hour	3.5C	Z				NH	1214
NI	net imperial gallon	3.1B	Z				NI	976
NIU	number of international units	3.7A		851	NIU			1279
NJ	number of screens	3.7C	Z				NJ	1314
NL	load	3.4C					NL	1161
NMI	nautical mile	1		047	NMI		NM	21
NMP	number of packs	3.7A	Z	778	NMP			1280
NN	train	3.5C	Z				NN	1205
NPL	number of parcels	3.7A	Z	734	NPL			1282
NPR	number of pairs	3.7A	Z	715	NPR			1281
NPT	number of parts	3.7A	Z	735	NPT			1283
NQ	mho	2	X				NQ	472
NR	micromho	2	X				NR	473
NRL	number of rolls	3.7A	Z	736	NRL			1284
NT	metric net ton	3.1C	Z				MN	1010
NT	net ton	3.4A						1143
NTT	net register ton	3.4A	X	182	NTT			1145
NU	newton metre	1					NU	200
NV	vehicle	3.4C	Z				NV	1159
NX	part per thousand	3.7B					NX	1303
NY	pound per air dry metric ton	3.5	Z				NY	1249

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.
OA	panel	3.9	Z				OA	1468
OHM	ohm	1		274	OHM		82	463
ON	ounce per square yard	2					ON	185
ONZ	ounce	2		187	ONZ			149
OP	two pack	3.2C	Z				OP	1039
OT	overtime hour	3.1B					OT	972
OZ	ounce av	3.1C	X				OZ	1013
OZA	fluid ounce (US)	2		141	OZA		FO	74
OZI	fluid ounce (UK)	2		135	OZI		FZ	72

P0	page - electronic	3.9	Z				P0	1442
P1	percent	3.7B	Z				P1	1301
P2	pound per foot	2					P2	179
P3	three pack	3.2C	Z				P3	1040
P4	four pack	3.2C	Z				P4	1041
P5	five pack	3.2C	Z				P5	1042
P6	six pack	3.2C	Z				P6	1043
P7	seven pack	3.2C	Z				P7	1044
P8	eight pack	3.2C	Z				P8	1045
P9	nine pack	3.2C	Z				P9	1046
PA	packet	3.3A	Z			PA/21- 23	12	1052
PAL	pascal	1		294	PAL		4S	215 577 654
PB	pair inch	3.8C	Z				PB	1357
PD	pad	3.3C	Z				PD	1132
PE	pound equivalent	3.1C	Z				PE	1017
PF	pallet (lift)	3.3B	Z				PF	1125
PG	plate	3.3A				PG/15	PP	1104
PGL	proof gallon	3.1A	Z	835	PGL			051
PI	pitch	3.5B					PI	1179
PK	package	3.3A				PK/21- 23	PK	1051
PK	pack	3.3B	Z				PH	1121
PL	pail	3.3A				PL/51	PA	1076
PM	pound percentage	3.1C	Z				PM	1022
PN	pound net	3.1C	Z				PN	1023
PO	pound per inch of length	2					PO	180
PQ	page per inch	3.5B					PQ	1180
PR	pair	3.7B					PR	1302
PS	pound-force per square inch	2					PS	229

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.

PT	pint (US)	2					PT	66
PTD	dry pint (US)	2		147	PTD		Q2	71
PTI	pint (UK)	2		137	PTI		PX	67
PTL	liquid pint (US)	2		143	PTL			69
PU	tray / tray pack	3.3A				PU/27	TY	1110
PV	half pint (US)	3.8C	Z				PV	1340
PW	pound per inch of width	3.1C	Z				PW	1001
PY	peck dry (US)	3.5	Z				PY	1265
PZ	peck dry (UK)	3.5	Z				PZ	1264

Q3	meal	3.9	Z				Q3	1532
QA	page - facsimile	3.5C	Z				QA	1184
QAN	quarter (of a year)	3.8A		364	QAN		QI	1320
QB	page - hardcopy	3.5C	Z				QB	1185
QD	quarter dozen	3.7C	Z				QD	1304
QH	quarter hour	3.8C	Z				QH	1341
QK	quarter kilogram	3.8C	Z				QK	1383
QR	quire	3.5B					QR	1175
QT	quart (US)	2					QT	73
QTD	dry quart (US)	2		148	QTD		QS	80
QTI	quart (UK)	2		138	QTI		QU	68
QTL	liquid quart (US)	2		144	QTL			70
QTR	quarter (UK)	3.5		191	QTR			1251

R1	pica	3.5B					R1	1182
R4	calorie	3.5	X				R4	1259
R9	thousand cubic metre	3.8C	Z				R9	1381
RA	rack	3.3C	Z				RA	1131
RD	rod	3.3A				RD/RZ1 2	RD	1081
RG	ring	3.3A				RG/14	RG	1106
RH	running or operating hour	3.1C					RH	1006
RK	roll metric measure	3.3C	Z				RK	1130
RL	reel	3.3A				RL/91	RE	1072
RM	ream	3.5B					RM	1176
RN	ream metric measure	3.5C	Z				RN	1177
RO	roll	3.3A				RO/13	RL	1107
RP	pound per ream	3.5C					RP	1178
RPM	revolutions per minute	1		331	RPM		R3	121
RPS	revolutions per second	1		330	RPS			120
RS	reset	3.9	Z				RS	1470

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
RT	revenue ton mile	3.4C					RT	1162
RU	run	3.9	Z				RU	1471
S3	foot squared per second	2					S3	257
S3	square foot per second	2						343
S4	metre squared per second (square metres/second US)	1					S4	253
S4	square metre per second	1						342 678 681 818
S5	sixty fourths of an inch	3.8B	Z				S5	1327
S6	session	3.9	Z				S6	1472
S7	storage unit	3.9	Z				S7	1473
S8	standard advertising unit	3.9	Z				S8	1490
SA	sack	3.3A				SA/65	SJ	1056
SAN	half year (6 months)	3.8A		365	SAN			1319
SCO	score	3.7A		730	SCO			1293
SCR	scruple	3.5		197	SCR			1252
SD	solid pound	3.1C	Z				SD	1025
SE	section	3.9	Z				SE	1475
SEC	second	1		354	SEC		03	81
								567 604 613 734 826 888
SET	set	3.2A		704	SET		ST	1029
SG	segment	3.9	Z				SG	1476
SHT	shipping ton	3.4A	X	183	SHT			1147
SIE	siemens	1		296	SIE		67	468
SK	split tanktruck	3.4B	Z				SK	1154
SL	slipsheet	3.3A				SL/67	S9	1108
SMI	mile (statute mile)	2		045	SMI		02/DH	31
SN	square rod	3.8C	Z				SN	1335
SO	spool	3.3B	Z				SO	1126
SP	shelf package	3.9	Z				SP	1477
SQ	square	3.9	Z				SQ	1478
SR	strip	3.9	Z				SR	1479

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.

SS	sheet metric measure	3.3C	Z				SS	1129
SST	short standard (7200 matches)	3.5C	Z	738	SST			1241
ST	sheet	3.3A				ST/15	SH	1082
STI	stone (UK)	2		190	STI			153
STN	ton (US) or short ton (UK/US)	2		195	STN		NS/SU	154
STN	net ton (2000 lb)	3.1C	Z				TN	986
SV	skid	3.9	Z				SV	1480
SW	skein	3.9	Z				SW	1481
SX	shipment	3.4B					SX	1149

T0	telecommunication line in service	3.5C					T0	1215
T1	thousand pound gross	3.8C	Z				T1	1358
T3	thousand piece	3.8C	Z				T3	1359
T4	thousand bag	3.8C	Z				T4	1360
T5	thousand casing	3.8C	Z				T5	1361
T6	thousand gallon (US)	3.8B					T6	1330
T7	thousand impression	3.8C	Z				T7	1362
T8	thousand linear inch	3.8C	Z				T8	1363
TA	tenth cubic foot	3.8C	Z				TA	1374
TAH	kiloampere hour (thousand ampere hour)	1M		264	TAH			373
TC	truckload	3.4B	Z				TC	1156
TD	therm	3.8B	Z				TD	1329
TE	tote	3.3B	Z				TE	1127
TF	ten square yard	3.8C	Z				TF	1354
TI	thousand square inch	3.8C	Z				TI	1364
TJ	thousand square centimetre	3.8C	Z				TJ	1365
TK	tank, rectangular	3.4A				TK/24 or 25	TK	1138
TL	thousand feet (linear)	3.8C	Z				TL	1366
TN	tin	3.3A				TN/21 or 22		1057
TNE	tonne (metric ton)	1S		168	TNE			141
TNE	metric ton	3.1C	Z				MP	1027
TP	ten pack	3.2C	Z				TP	1047
TPR	ten pair	3.8A		732	TPR			1317
TQ	thousand feet	3.8C	Z				TQ	1367
TQD	thousand cubic metre per day	3.8A		599	TQD			1322
TR	ten square feet	3.8C	Z				TR	1355
TRL	trillion (EUR)	3.7A		802	TRL			1295

Units of Measure: Code elements listed by common code

Common code	Name	Level/ Cat.	Use Id.	Existing Codes				Cross ref.
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	
TS	thousand square feet	3.8C	Z				TS	1368
TSD	tonne of substance 90 % dry	3.1A	Z	847	TSD			962
TSH	ton of steam per hour	3.1A	Z	533	TSH			961
TT	thousand linear metre	3.8C	Z				TT	1369
TU	tube	3.3A				TU/11	TB	1077
TV	thousand kilogram	3.8C	Z				TV	1371
TW	thousand sheet	3.8C	Z				TW	1373
TY	tank, cylindrical	3.4A				TY/ 34 or 35		1139

U1	treatment	3.9					U1	1505
U2	tablet	3.3A					U2	1095
UA	torr	2	X				UA	231
UB	telecommunication line in service average	3.5C					UB	1216
UC	telecommunication port	3.5C					UC	1217
UD	tenth minute	3.8B	Z				UD	1331
UE	tenth hour	3.8B	Z				UE	1332
UF	usage per telecommunication line average	3.5C	Z				UF	1218
UH	ten thousand yard	3.8C	Z				UH	1385
UM	million unit	3.8B	Z				UM	1328

VA	volt ampere per kilogram	3.9					VA	1483
VI	vial	3.3A				VI/31	VI	1080
VLT	volt	1		222	VLT		70/VT	404 920
VQ	bulk	3.3A				VQ/05	BN	1086
VS	visit	3.9	Z				VS	1506

W2	wet kilo	3.1B					W2	978
W4	two week	3.8B	Z				W4	1333
WA	watt per kilogram	3.9					WA	1482
WB	wet pound	3.1B					WB	964
WCD	cord	3.5A		153	WCD			1166
WE	wet ton	3.1B					WE	980
WEB	weber	1		324	WEB			436 890
WEE	week	2		360	WEE		WK	89
WG	wine gallon	3.1C	Z				WG	982
WH	wheel	3.9	Z				WH	1485
WHR	watt hour	1		243	WHR		WU	271

Units of Measure: Code elements listed by common code

Common code	Name	Level Cat.	Use Id.	Existing Codes				
				Rec. 20: 3N	Rec. 20: 3A	Rec. 21: 2A/N	ANSI T-355 2 A/N values	Cross ref.

								506
WI	weight per square inch	3.9	Z				WI	1484
WM	working month	3.1B					WM	977
WR	wrap	3.3C	Z				WR	1128
WSD	standard	3.5A		152	WSD			1171
WTT	watt	1		212	WTT			283
WTT	watt	1		212	WTT		WT	326 490 519 588
WW	millilitre of water	3.1C	X				WW	1026

X1	chain	2					X1	26
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YDK	square yard	2		075	YDK		SY	44
YDQ	cubic yard	2		133	YDQ		CY	63
YL	hundred linear yard	3.8C	Z				YL	1353
YRD	yard	2		043	YRD		YD	30
YT	ten yard	3.8C	Z				YT	1356

Z1	lift van	3.4C	Z				Z1	1165
Z2	chest	3.3C					Z2	1134
Z3	cask	3.3C					Z3	1135
Z4	hogshead	3.3C					Z4	1136
Z5	lug	3.9	Z				Z5	1491
Z6	conference point	3.5C	Z				Z6	1211
Z8	newspage agate line	3.9	Z				Z8	1487
ZP	page	3.5C					ZP	1183
ZZ	mutually defined	3.9	Z				ZZ	1486