

Units of measure - prefixes

Below, we will create a table of prefixes that are implemented in MatDeck. Standard convention of prefixes is used and it can be combined with units both predefined and user defined. From the Units tab in MatDeck you can control whether the units will be used in the document and in calculations, choose the system of units that will be used (SI - International System of; USCS - United States Customary System), change prefix (multiplication factor), format the appearance of units in the document, define custom units,...

The table of units prefixes is as shown below.

Prefix	Label	Decimal Value	Scientific	Colloquial
yocto	y	0.000000000000000000000001	10^{-24}	septillionth
zepto	z	0.00000000000000000000001	10^{-21}	sextillionth
atto	a	0.0000000000000000001	10^{-18}	quintillionth
femto	f	0.000000000000001	10^{-15}	quadrillionth
pico	p	0.000000000001	10^{-12}	trillionth
nano	n	0.000000001	10^{-9}	billionth
micro	u	0.000001	10^{-6}	millionth
milli	m	0.001	10^{-3}	thousandth
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kilo	k	1000	10^3	thousand
mega	M	1000000	10^6	million
giga	G	1000000000	10^9	billion
tera	T	1000000000000	10^{12}	trillion
peta	P	1000000000000000	10^{15}	quadrillion
exa	E	1000000000000000000	10^{18}	quintillion
zetta	Z	1000000000000000000000	10^{21}	sextillion
yotta	Y	1000000000000000000000000	10^{24}	septillion