

Abaqus units

Source: <https://medium.com/@shwenwe13/understanding-units-in-abacus-6b8e7648b6f9>

Quantity	SI	SI (mm)	US Unit (ft)	US Unit (inch)
Length	m	mm	ft	in
Force	N	N	lbf	lbf
Mass	kg	tonne (10^3kg)	slug	$\text{lbf s}^2/\text{in}$
Time	s	s	s	s
Stress	Pa (N/m^2)	MPa (N/mm^2)	lbf/ft^2	Psi (lbf/in^2)
Energy	J	mJ (10^{-3}J)	ft lbf	in lbf
Density	kg/m^3	tonne/mm^3	slug/ft^3	$\text{lbf s}^2/\text{in}^4$