

# CONVERSION TABLES

## ÇEVİRİ TABLOSU

	Multiply →	by	→ to obtain		Multiply →	by	→ to obtain	
Length	mil	25,4	μ (micron)	Velocity	ft/s (foot per second)	3,281	m/s (metre per second)	
	in (inch)	25,4	mm		m/min (metre per minute)	60	m/s (metre per second)	
	ft (foot)	0,3048	m		ft/min (foot per minute)	196,85	m/s (metre per second)	
	yd (yard)	0,9144	m		mile/h (mile per hour)	1,6093	km/h (kilometre per hour)	
	miles (nautical)	1,853	km		m/s (metre per second)	3,6	km/h (kilometre per hour)	
	miles (statute)	1,609	km					
Area	sq.in. (square inch)	6,4516	cm <sup>2</sup>	Dynamic viscosity	g/ (cm s) (Poise)	0,1	Pa s = kg / (m s)	
	sq.ft. (square foot)	0,0929	cm <sup>2</sup>		centipoise	0,001	Pa s	
	sq.yd. (square yard)	0,8361	cm <sup>2</sup>		lb/ (ft s)	1,48819	Pa s	
Volume	cu.in (cubic inch)	16,387	cm <sup>3</sup>	Kinematic viscosity	cm <sup>2</sup> (Stokes)	0,0001	m <sup>2</sup> /s	
	cu.ft. (cubic foot)	28,317	dm <sup>3</sup>		centistokes	0,000001	m <sup>2</sup> /s	
	UK gal (UK gallon)	4,5461	dm <sup>3</sup>		ft <sup>2</sup> / s	0,09290	m <sup>2</sup> /s	
	US gal (US gallon)	3,7854	dm <sup>3</sup>	Moment of force	N m (newton metre)	0,001	kN m (kilonewton metre)	
	bushel	35,24	dm <sup>3</sup>			kN m	101,972	kgf m (kilogram-force metre)
	US gal (US gallon)	42	Us barrel			kgf m	86,8	lbf in (Pound-force inch)
	UK pint	1,76	l (litre)			lbf ft (Pound-force foot)	12	lbf in (Pound-force inch)
		l (litre)	1000	cm <sup>3</sup>		lbf ft (Pound-force foot)	1,356	N m (newton metre)
	l (litre)	1	dm <sup>3</sup>	Mass per unit length	kg/m	0,672	lb/ft	
	m3 (cubic metre)	1000	l (litre)		lb/ft	1,488	kg/m	
Mass	grains	0,0648	g	Mass per unit area	kg/m <sup>2</sup>	0,2048	lb/ft <sup>2</sup>	
	lb (pound)	0,4536	kg		lb/ft <sup>2</sup>	4,882	kg/m <sup>2</sup>	
	oz (ounce)	28,3495	g	Thermal conductivity	W/(m °C)	6,934	Btu in/(ft <sup>2</sup> h °F)	
	ton (UK ton)	1016,05	kg		Btu in/ft <sup>2</sup> °F	0,1442	W/(m °C)	
	sh ton (US ton)	907,2	kg	Entalpy	Btu (British Thermal Unit)	1055	J (Joule)	
	t (tonne)	1000	kg			Btu	0,252	kcal = Cal
Pressure and Stress	kgf/cm <sup>2</sup> = ate	0,980556	bar		J	0,73560	ft lb	
	Pa (Pascal) = N/m <sup>2</sup>	0,00001	bar	Power	kWh	3600	kJ	
	MPa (Megapascal)	10	bar			Btu	0,252	kcal = Cal
	mm H <sub>2</sub> O	9,80665	Pa		kcal	4186,8	J	
	Torr (mm Hg)	133,322	Pa	Energy	kJ/kg	0,239	kcal/kg	
	psi (lbs per square inch)	0,068941	bar			kW	1,34102	hp
UK tonf/in <sup>2</sup>	15,44	Mpa		hp	746	watt		
Density	lb/in <sup>3</sup>	27,680	g/cm <sup>3</sup>	Calorific value (volume basis)	MJ/m <sup>3</sup>	26,84	Btu/ft <sup>3</sup>	
	lb/ft <sup>3</sup>	0,01602	g/cm <sup>3</sup>		Btu/ft <sup>3</sup>	0,03726	MJ/m <sup>3</sup>	
	g/cm <sup>3</sup>	1000	litre - g/dm <sup>3</sup>		Btu/ft <sup>3</sup>	37,26	kJ7m <sup>3</sup>	
	kg/m <sup>3</sup>	0,752	ton/yd <sup>3</sup>	Force	N (Newton)	0,102	kgf = kp (unità in disuso)	
ton/yd <sup>3</sup>	13,319	lb/Ukgal			lbf (pound-force)	4,4483	N	
					kgf = kp	2,205	lbf	
	to obtain ←	by	← Divide		to obtain ←	by	← Divide	
	To ↖		add		↗ to obtain			
	psig (psi at gauge)		14,70		psia (psi absolute)			
	bar (at gauge)		1,01325		bar absolute			
	°C (degrees Celsius)		273,15		K (degees Kelvin)			
	°F (degrees Fahrenheit)		459,4		°R (degrees Rankine)			
	to obtain ←		subtract		↘ To			