

Conversions

	CONVERT	SYMBOL	MULTIPLY BY	TO OBTAIN	SOMBOl
	Millimeters	mm	0.0394	Inches	In
Length	Inches	in	25.4	Millimeters	mm
	Feet	ft	0.0833	Inches	in
	Inches	in	12	Feet	ft
	Feet	ft	0.3048	Meters	m
	Meters	m	3.281	Feet	ft
	Mile	Mi	1.6093	Kilometer	km
	Kilometer	km	0.6214	Mile	M
	Yard	yds	3	Feet	ft
	Feet	ft	0.3333	Yard	yds
	Yard	yds	0.9144	Meters	m
Area	Meters	m	1.0936	Yard	yds
	Square Millimeters	mm ²	0.0016	square inches	in ²
	square inches	in ²	645.1600	Square Millimeters	mm ²
	Square centimeters	cm ²	0.1550	square inches	in ²
	Square inches	in ²	6.4516	Square centimeters	cm ²
	square foot	ft ²	0.0929	Square meters	m ²
	Square meters	m ²	10.7639	square feet	ft ²
	square inches	in ²	0.0069	square feet	ft ²
	square feet	ft ²	144	square inches	in ²
	Gallons per minute (US)	gpm (US)	3.7854	Liters per Minute	lpm
Flow	Liters per Minute	lpm	0.2642	Gallons per minute (US)	gpm
	Gallons per minute (US)	gpm (US)	0.0038	Cubic Meters per Minute	m ³ /min
	Cubic Meters per Minute	m ³ /min	264.1720	Gallons per minute (US)	gpm (US)
	Barrels per Minute	bbbl/min	0.1589	Cubic Meters Per Minute	m ³ /min
	Cubic Meters per Minute	m ³ /min	6.2933	Barrels per Minute	bbbl/min
	Barrels per day	bbbl/d	0.0292	Gallons per minute (US)	gpm (US)
	Gallons per minute (US)	gpm (US)	34.2818	Barrels per day	bbbl/d
	pounds per square inch	psi	6.8948	KiloPascals	kPa
	KiloPascals	kPa	0.1450	pounds per square inch	psi
	pounds per square inch	psi	0.0689	Bar	bar
Pressure	Bar	bar	14.5038	pounds per square inch	psi
	pounds per square inch	psi	0.0680	Atmosphere	atm
	Atmosphere	atm	14.6959	pounds per square inch	psi
	Kilogram force per Square Centimeter	kgf/cm ²	0.0703	pounds per square inch	psi
	Pounds per Square Inch	psi	14.2233	Kilogram force per Square Centimeter	kgf/cm ²
	Gallons (US)	gal	3.7854	Liters	l
	Liters	l	0.2642	Gallons (US)	gal
	Gallons (US)	gal	0.003785	Cubic meters	m ³
	Cubic meters	m ³	264.2	Gallons (US)	gal
	Gallons (US)	gal	0.02381	Barrels	bbbl
Volume	Barrels	bbbl	42	Gallons (US)	gal
	Pounds per gallon(US)	lbs/gal	119.82	Kilograms per cubic meter	kg/m ³
	Kilograms per cubic meter	Kg/m ³	0.00835	Pounds per gallon(US)	lbs/gal
	Pounds per gallon(US)	lbs/gal	0.12	Specific Gravity	sg
	Specific Gravity	sg	8.333	Pounds per gallon(US)	Lbs/gal
	Foot Pounds	ft.lbs	1.38255	Newton Meters	Nm
	Newton Meters	Nm	7.23301	Foot Pounds	ft.lbs
	Foot Pounds	ft.lbs	0.13820	Kilogram Meters	kg.m
	Kilogram Meters	kg.m	7.23589	Foot Pounds	ft.lbs
	Degrees Fahrenheit	°F	(F-32)/1.8	Degrees Celsius	°C
Temperature	Degrees Celsius	°C	(C*1.8)+32	Degrees Fahrenheit	°F
Mass	Pounds	lbs.	0.4536	Kilograms	kg
	Kilograms	kg	2.20462	Pounds	lbs.
	Pounds	lbf	4.4482	Newton	N
	Newton	N	0.22481	Pounds	lbf
Power	Horse Power	HP	0.7457	Kilowatt	kW
	Kilowatt	kW	1.341	Horse Power	HP
Speed	Feet per Minute	fpm	0.3048	Meters per minute	m/m
	Meters per minute	m/m	3.281	Feet per Minute	fpm

Coiled Tubing Dimensions Areas & Volumes - US Units

Outside Diameter D (in.)	Specified		Calculated Inside Diameter d (in.)	Plain End Weight w (lb./ft)	Pipe Metal Cross-sectional Area A (in ²)	Flow Area (in ²)	Internal Capacity per 1000 ft.	
	Wall Thickness t (in.)						(gals)	(bbl)
1.000	0.087		0.826	0.849	0.250	0.536	27.837	0.6628
1.000	0.095		0.810	0.919	0.270	0.515	26.769	0.6374
1.000	0.102		0.796	0.979	0.288	0.498	25.852	0.6155
1.000	0.109		0.782	1.038	0.305	0.480	24.950	0.5941
1.250	0.087		1.076	1.082	0.318	0.909	47.237	1.1247
1.250	0.095		1.060	1.173	0.345	0.882	45.843	1.0915
1.250	0.102		1.046	1.252	0.368	0.859	44.640	1.0629
1.250	0.109		1.032	1.330	0.391	0.836	43.453	1.0346
1.250	0.118		1.014	1.428	0.420	0.808	41.950	0.9988
1.250	0.125		1.000	1.503	0.442	0.785	40.800	0.9714
1.250	0.134		0.982	1.599	0.470	0.757	39.344	0.9368
1.250	0.145		0.960	1.713	0.503	0.724	37.601	0.8953
1.250	0.156		0.938	1.824	0.536	0.691	35.898	0.8547
1.250	0.175		0.900	2.011	0.591	0.636	33.048	0.7869
1.500	0.095		1.310	1.427	0.419	1.348	70.017	1.6671
1.500	0.102		1.296	1.524	0.448	1.319	68.528	1.6316
1.500	0.109		1.282	1.621	0.476	1.291	67.056	1.5966
1.500	0.118		1.264	1.743	0.512	1.255	65.186	1.5520
1.500	0.125		1.250	1.837	0.540	1.227	63.750	1.5179
1.500	0.134		1.232	1.957	0.575	1.192	61.927	1.4745
1.500	0.145		1.210	2.100	0.617	1.150	59.735	1.4223
1.500	0.156		1.188	2.241	0.659	1.108	57.583	1.3710
1.500	0.175		1.150	2.479	0.728	1.039	53.958	1.2847
1.500	0.188		1.124	2.637	0.775	0.992	51.546	1.2273
1.500	0.203		1.094	2.815	0.827	0.940	48.831	1.1626
1.750	0.109		1.532	1.912	0.562	1.843	95.759	2.2800
1.750	0.118		1.514	2.059	0.605	1.800	93.522	2.2267
1.750	0.125		1.500	2.171	0.638	1.767	91.800	2.1857
1.750	0.134		1.482	2.315	0.680	1.725	89.610	2.1336
1.750	0.145		1.460	2.488	0.731	1.674	86.969	2.0707
1.750	0.156		1.438	2.658	0.781	1.624	84.368	2.0088
1.750	0.175		1.400	2.946	0.866	1.539	79.968	1.9040
1.750	0.188		1.374	3.139	0.923	1.483	77.025	1.8339
1.750	0.203		1.344	3.357	0.987	1.419	73.699	1.7547
2.000	0.109		1.782	2.203	0.648	2.494	129.561	3.0848
2.000	0.118		1.764	2.374	0.698	2.444	126.957	3.0228
2.000	0.125		1.750	2.505	0.736	2.405	124.950	2.9750
2.000	0.134		1.732	2.673	0.786	2.356	122.393	2.9141
2.000	0.145		1.710	2.875	0.845	2.297	119.303	2.8406
2.000	0.156		1.688	3.075	0.904	2.238	116.253	2.7679
2.000	0.175		1.650	3.414	1.003	2.138	111.078	2.6447
2.000	0.188		1.624	3.642	1.070	2.071	107.605	2.5620
2.000	0.203		1.594	3.900	1.146	1.996	103.666	2.4682
2.375	0.109		2.157	2.640	0.776	3.654	189.828	4.5197
2.375	0.118		2.139	2.847	0.837	3.593	186.673	4.4446
2.375	0.125		2.125	3.007	0.884	3.547	184.238	4.3866