

Technical Data: Metric Conversion

Liquid Volume					
To Convert	Into		Multiply by		
Ounces (oz)	Milliliters (ml)		29.57		
Pints (pt)	Liters (l)		0.4732		
Quarts (qt)	Liters (l)		0.9464		
Gallons (gal)	Liters (l)		3.785		
Milliliters (ml)	Ounces (oz)		0.0338		
Liters (l)	Pints (pt)		2.113		
Liters (l)	Quarts (qt)		1.057		
Liters (l)	Gallons (gal)		0.2642		
Pressure					
To Convert	Into		Multiply by		
Pounds per square inch (psi)	Kilopascals (kPa)		6.895		
Pounds per square inch (psi)	bar		0.06895		
Kilopascals (kPa)	Pounds per square inch (psi)		0.145		
Kilopascals (kPa)	bar		0.01		
bar	Pounds per square inch (psi)		14.503		
bar	Kilopascals (kPa)		100		
Length					
To Convert	Into		Multiply by		
Inches (in)	Millimeters (mm)		25.4		
Inches (in)	Centimeters (cm)		2.54		
Feet (ft)	Centimeters (cm)		30.48		
Feet (ft)	Meters (m)		0.3048		
Yards (yd)	Meters (m)		0.914		
Miles (mi)	Kilometers (km)		1.609		
Millimeters (mm)	Inches (in)		0.039		
Centimeters (cm)	Inches (in)		0.394		
Meters (m)	Feet (ft)		3.282		
Kilometers (km)	Miles (mi)		0.6214		
Area					
To Convert	Into		Multiply by		
Square Inches (in ²)	Square Centimeters (cm ²)		6.452		
Square Feet (ft ²)	Square Meters (m ²)		0.093		
Square Yards (yds ²)	Square Meters (m ²)		0.836		
Square Miles (mi ²)	Square Kilometers (km ²)		2.59		
Square Centimeters (cm ²)	Square Inches (in ²)		0.155		
Square Meters (m ²)	Square Yards (yds ²)		1.196		
Square Kilometers (km ²)	Square Miles (mi ²)		0.386		
Hose Sizes					
1" Hose	=	25.4 mm	4" Storz	=	100.00 mm
1 1/2" Hose	=	38.1 mm	4" Hose	=	101.60 mm
1 3/4" Hose	=	44.5 mm	4 1/2" Hose	=	114.30 mm
2" Hose	=	50.8 mm	5" Storz	=	125.00 mm
2 1/2" Hose	=	63.5 mm	5" Hose	=	127.00 mm
3" Hose	=	76.2 mm	6" Hose	=	152.40 mm
3 1/2" Hose	=	88.9 mm			
Tip Sizes					
3/4" Tip	=	19.1 mm	1 1/2" Tip	=	38.1 mm
7/8" Tip	=	22.2 mm	1 3/4" Tip	=	44.5 mm
1" Tip	=	25.4 mm	2" Tip	=	50.8 mm
1 1/8" Tip	=	28.6 mm	2 1/4" Tip	=	57.2 mm
1 1/4" Tip	=	31.8 mm	2 1/2" Tip	=	63.5 mm
1 3/8" Tip	=	34.9 mm	3" Tip	=	76.2 mm

Solid Volume					
To Convert	Into		Multiply by		
Ounces (oz)	Grams (g)		28.3495		
Pounds (lb)	Kilograms (kg)		0.4536		
Grams (g)	Ounces (oz)		0.035		
Kilograms (kg)	Pounds (lb)		2.205		
Pressures					
50 psi	=	345 kPa	=	3.45 bar	
60 psi	=	414 kPa	=	4.14 bar	
70 psi	=	488 kPa	=	4.88 bar	
75 psi	=	517 kPa	=	5.17 bar	
80 psi	=	552 kPa	=	5.52 bar	
90 psi	=	621 kPa	=	6.21 bar	
100 psi	=	690 kPa	=	6.90 bar	
150 psi	=	1034 kPa	=	10.34 bar	
200 psi	=	1379 kPa	=	13.79 bar	
250 psi	=	1723 kPa	=	17.23 bar	
300 psi	=	2069 kPa	=	20.69 bar	
350 psi	=	2413 kPa	=	24.13 bar	
580 psi	=	3999 kPa	=	39.99 bar	
700 psi	=	4827 kPa	=	48.27 bar	
Flow					
Flow Rate	Exact LPM		Akron Standard		
12 gpm	=	45.42 lpm	=	45 lpm	
13 gpm	=	49.20 lpm	=	50 lpm	
15 gpm	=	56.78 lpm	=	60 lpm	
20 gpm	=	75.70 lpm	=	75 lpm	
23 gpm	=	87.06 lpm	=	90 lpm	
25 gpm	=	94.62 lpm	=	95 lpm	
30 gpm	=	113.55 lpm	=	115 lpm	
40 gpm	=	151.40 lpm	=	150 lpm	
50 gpm	=	189.25 lpm	=	190 lpm	
60 gpm	=	227.10 lpm	=	230 lpm	
70 gpm	=	264.95 lpm	=	265 lpm	
75 gpm	=	283.88 lpm	=	285 lpm	
85 gpm	=	321.73 lpm	=	320 lpm	
95 gpm	=	359.58 lpm	=	360 lpm	
100 gpm	=	378.50 lpm	=	380 lpm	
120 gpm	=	454.20 lpm	=	460 lpm	
125 gpm	=	473.13 lpm	=	475 lpm	
150 gpm	=	567.75 lpm	=	550 lpm	
175 gpm	=	662.38 lpm	=	660 lpm	
200 gpm	=	757.00 lpm	=	750 lpm	
250 gpm	=	946.25 lpm	=	950 lpm	
300 gpm	=	1135.50 lpm	=	1140 lpm	
350 gpm	=	1324.75 lpm	=	1325 lpm	
375 gpm	=	1419.38 lpm	=	1420 lpm	
400 gpm	=	1514.00 lpm	=	1525 lpm	
450 gpm	=	1703.25 lpm	=	1700 lpm	
500 gpm	=	1892.50 lpm	=	1900 lpm	
550 gpm	=	2081.75 lpm	=	2100 lpm	
700 gpm	=	2649.50 lpm	=	2660 lpm	
750 gpm	=	2838.75 lpm	=	2900 lpm	
800 gpm	=	3028.00 lpm	=	3030 lpm	
1000 gpm	=	3785.00 lpm	=	3800 lpm	
1200 gpm	=	4542.00 lpm	=	4500 lpm	
1250 gpm	=	4731.25 lpm	=	4800 lpm	
1500 gpm	=	5677.50 lpm	=	5700 lpm	
2000 gpm	=	7570.00 lpm	=	7600 lpm	