

HELPFUL CONVERSIONS

COMPLIMENTS OF MONMOUTH RUBBER & PLASTICS CORP.

For additional helpful information, visit our website www.monmouthrubber.com

LINEAR CONVERSIONS (Approximate Conversions)					
TO METRIC MEASURES:			FROM METRIC MEASURES		
When You Know	You Multiply By	To Determine	When You Know	You Multiply By	To Determine
inches	25.40	millimeters	millimeters	0.039	inches
feet	0.30	meters	meters	3.28	feet
yards	0.91	meters	meters	1.09	yards
miles	1.61	kilometers	kilometers	0.62	miles

MASS CONVERSIONS (Approximate Conversions)					
TO METRIC MEASURES:			FROM METRIC MEASURES		
When You Know	You Multiply By	To Determine	When You Know	You Multiply By	To Determine
ounces	28.30	grams	grams	0.035	ounces
pounds	0.45	kilograms	kilograms	2.2	pounds
short tons	0.91	metric ton	metric ton	1.1	short tons

VOLUME CONVERSIONS (Approximate Conversions)					
TO METRIC MEASURES:			FROM METRIC MEASURES		
When You Know	You Multiply By	To Determine	When You Know	You Multiply By	To Determine
cups	0.24	liters	liters	0.036	cu. feet
pints	0.47	liters	liters	2.1	pints
quarts	0.95	liters	liters	1.06	quarts
gallons	3.79	liters	liters	0.26	gallons
cu. feet	0.028	cu. meters	cu. meters	35.3	cu. feet
cu. yards	0.76	cu. meters	cu. meters	1.31	cu. yards
cu. feet	28.3	liters			
cu. yards	764.5	liters			

FORCE AND RELATED CONVERSIONS (Approximate Conversions)					
TO METRIC MEASURES:			FROM METRIC MEASURES		
When You Know	You Multiply By	To Determine	When You Know	You Multiply By	To Determine
Dyne	0.00	Newton	Newton	100,000	Dyne
Pound force	4.45	Newton	Newton	0.225	Pound Force
psi	703	kg/m ²	Mpa	145	psi
psi	6.89	kilopascal (kPa)	kN/m	5.71	lbf/in
psi	0.0069	megapascal (Mpa)			
lbf/in	0.175	kN/m			

Note: (1 pascal = 1 Newton/M²)

FRACTION	DECIMAL	MM
1/32	0.03125	0.7937
1/16	0.0625	1.5875
3/32	0.09375	2.3812
1/8	0.125	3.175
5/32	0.15625	3.9687
3/16	0.1875	4.7625
13/64	0.203125	5.1594
1/4	0.25	6.35
5/16	0.3125	7.9375
3/8	0.375	9.525
7/16	0.4375	11.1125
1/2	0.5	12.7000
33/64	0.515625	13.0969
9/16	0.5625	14.2875
19/32	0.59375	15.0812
5/8	0.625	15.8750
43/64	0.671875	17.0656
3/4	0.75	19.0500
7/8	0.875	22.225
63/64	0.984375	25.0031
1	1.00	25.4001

TEMPERATURE	
°F	°C
0	-17.8
32	0
100	37.8
160	71.1
212	100.0
°F = 1.8 x °C + 32	
°C = °F - 32 / 1.8	



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