


**ALLEGHENY YORK COMPANY**
*O-rings • Seals • Packings • Gaskets*

3995 N. George St. Ext Manchester, PA 17345

Tel: (717) 266-6617 • Fax: (717) 266-6371

www.alleghenyork.com • sales@alleghenyork.com

**CONVERSION TABLES & FORMULAS**

MULTIPLY BY TO OBTAIN			MULTIPLY BY TO OBTAIN								
INCHES 25.400 MILLIMETERS			CUBIC INCHES 16.387 CUBIC CENTIMETERS								
MILLIMETERS 0.039 INCHES			LITERS 61.025 CUBIC INCHES								
Fraction	Dec.	MM	Fraction	Dec.	MM	Fraction	Dec.	MM	Fraction	Dec.	MM
-	0.004	0.100	17/32	0.531	13.500	-	1.299	33.000	2-1/2	2.500	63.500
-	0.01	0.250	35/64	0.547	13.900	1-5/16	1.312	33.340	-	2.520	64.000
1/64	0.016	0.400	-	0.551	14.000	-	1.339	34.000	-	2.559	65.000
-	0.020	0.500	9/16	0.563	14.290	1-11/32	1.344	34.130	2-9/16	2.562	65.090
-	0.030	0.750	-	0.571	14.500	1-3/8	1.375	34.930	-	2.598	66.000
1/32	0.031	0.790	37/64	0.578	14.680	-	1.378	35.000	2-5/8	2.625	66.680
-	0.039	1.000	-	0.591	15.000	1-13/32	1.406	35.720	-	2.638	67.000
3/64	0.047	1.190	19/32	0.594	15.080	-	1.417	36.000	-	2.677	68.000
-	0.059	1.500	39/64	0.609	15.480	1-7/16	1.438	36.510	2-11/16	2.688	68.260
1/16	0.063	1.590	5/8	0.625	15.880	-	1.457	37.000	-	2.717	69.000
5/64	0.078	1.980	-	0.630	16.000	1-15/32	1.469	37.310	2-3/4	2.750	69.850
-	0.079	2.000	41/64	0.641	16.270	-	1.496	38.000	-	2.756	70.000
3/32	0.094	2.380	-	0.650	16.500	1-1/2	1.500	38.100	-	2.795	71.000
-	0.098	2.500	21/32	0.656	16.670	1-17/32	1.531	38.890	2-13/16	2.810	71.440
7/64	0.109	2.780	-	0.669	17.000	-	1.535	39.000	-	2.835	72.000
-	0.118	3.000	43/64	0.672	17.010	1-9/16	1.562	39.690	-	2.874	73.000
1/8	0.125	3.180	11/16	0.688	17.460	-	1.575	40.000	2-7/8	2.875	73.030
-	0.138	3.500	45/64	0.703	17.860	1-19/32	1.594	40.480	-	2.913	74.000
9/64	0.141	3.570	-	0.709	18.000	-	1.614	41.000	2-15/16	2.938	74.610
5/32	0.156	3.970	23/32	0.719	18.260	1-5/8	1.625	41.280	-	2.953	75.000
-	0.158	4.000	-	0.728	18.500	-	1.654	42.000	-	2.992	76.000
11/64	0.172	4.370	47/64	0.734	18.650	1-21/32	1.656	42.070	3	3.000	76.200
-	0.177	4.500	-	0.748	19.000	1-11/16	1.688	42.860	-	3.032	77.000
3/16	0.188	4.760	3/4	0.750	19.050	-	1.693	43.000	3-1/16	3.062	77.790
-	0.197	5.000	49/64	0.766	19.450	1-23/32	1.719	43.660	-	3.071	78.000
13/64	0.203	5.160	25/32	0.781	19.840	-	1.732	44.000	-	3.110	79.000
-	0.217	5.500	-	0.787	20.000	1-3/4	1.750	44.500	3-1/8	3.125	79.380
7/32	0.219	5.560	51/64	0.797	20.240	-	1.772	45.000	-	3.150	80.000
15/64	0.234	5.950	13/16	0.813	20.640	1-25/32	1.781	45.240	3-3/16	3.188	80.960
-	0.236	6.000	-	0.827	21.000	-	1.811	46.000	-	3.189	81.000
1/4	0.250	6.350	53/64	0.828	21.030	1-13/16	1.813	46.040	-	3.228	82.000
-	0.256	6.500	27/32	0.844	21.430	1-27/32	1.844	46.830	3-1/4	3.250	82.550
17/64	0.266	6.750	55/64	0.859	21.830	-	1.850	47.000	-	3.268	83.000
-	0.276	7.000	-	0.866	22.000	1-7/8	1.875	47.630	-	3.307	84.000
9/32	0.281	7.140	7/8	0.875	22.230	-	1.890	48.000	3-5/16	3.312	84.140
-	0.295	7.500	57/64	0.891	22.620	1-29/32	1.906	48.420	-	3.346	85.000
19/64	0.297	7.540	-	0.906	23.000	-	1.929	49.000	3-3/8	3.375	85.730
5/16	0.313	7.940	29/32	0.906	23.020	1-15/16	1.938	49.210	-	3.386	86.000
-	0.315	8.000	59/64	0.922	23.420	-	1.970	50.000	-	3.425	87.000
21/64	0.328	8.330	15/16	0.938	23.810	1-31/32	1.970	50.010	3-7/16	3.438	87.310
-	0.335	8.500	-	0.945	24.000	2	2.000	50.800	-	3.465	88.000
11/32	0.344	8.730	61/64	0.953	24.210	-	2.008	51.000	3-1/2	3.500	88.900
-	0.354	9.000	31/32	0.969	24.610	-	2.047	52.000	-	3.504	89.000
23/64	0.359	9.130	-	0.984	25.000	2-1/16	2.062	52.390	-	3.543	90.000
-	0.374	9.500	1	1.000	25.400	-	2.087	53.000	3-9/16	3.562	90.490
3/8	0.375	9.530	-	1.024	26.000	2-1/8	2.125	53.980	-	3.583	91.000
25/64	0.391	9.920	1-1/32	1.031	26.190	-	2.126	54.000	-	3.622	92.000
-	0.394	10.000	1-1/16	1.062	26.990	-	2.165	55.000	3-5/8	3.625	92.080
13/32	0.405	10.320	-	1.063	27.000	2-3/16	2.188	55.560	-	3.661	93.000
-	0.413	10.500	1-3/32	1.094	27.780	-	2.205	56.000	3-11/16	3.688	93.660
27/64	0.422	10.720	-	1.102	28.000	-	2.244	57.000	-	3.701	94.000
-	0.433	11.000	1-1/8	1.125	28.580	2-1/4	2.250	57.150	-	3.740	95.000
7/16	0.438	11.110	-	1.148	29.000	-	2.284	58.000	3-3/4	3.750	95.250
29/64	0.453	11.510	1-5/32	1.156	29.370	2-5/16	2.312	58.740	-	3.780	96.000
15/32	0.469	11.910	-	1.181	30.000	-	2.323	59.000	3-13/16	3.813	96.840
-	0.472	12.000	1-3/16	1.188	30.160	-	2.362	60.000	-	3.819	97.000
31/64	0.484	12.300	1-7/32	1.219	30.960	2-3/8	2.375	60.330	-	3.858	98.000
-	0.492	12.500	-	1.221	31.000	-	2.402	61.000	3-7/8	3.875	98.430
1/2	0.500	12.700	1-1/4	1.250	31.750	2-7/16	2.438	61.910	-	3.898	99.000
-	0.512	13.000	-	1.260	32.000	-	2.441	62.000	-	3.937	100.000
33/64	0.516	13.100	1-9/32	1.281	32.540	-	2.480	63.000			