

Ashcroft® Product Sizes and Weights

ASH/PI-64

GAUGE SIZES AND WEIGHTS

Type	Volume/Cu. In.	Weight
PROCESS PRESSURE GAUGES		
1259	152.0	2 lbs.
10-T5500 02L/04L	60.0	2 lbs.
10-T6500 02L/04L	60.0	2 lbs.
16-T5500 02L/04L	152.0	2.6 lbs.
16-T6500 02L/04L	152.0	2.6 lbs.
45-1279-02L	147.0	3.5 lbs.
45-1279-04L	152.3	3.5 lbs.
45-1279-Back	162.0	3.5 lbs.
45-1379-02L	147.0	2.5 lbs.
45-1379-04L	152.3	2.5 lbs.
45-1379-Back	162.0	2.5 lbs.
60-1379-02L	217.0	3.125 lbs.
60-1379-04L	244.1	3.125 lbs.
60-1379-Back	270.3	3.125 lbs.
85-1379-02L	413.4	5.25 lbs.
85-1379-04L	441.0	5.25 lbs.
85-1379-Back	496.1	5.25 lbs.
45-1377-Back	195.3	2.75 lbs.
60-1377-Back	300.3	3 lbs.
85-1377-Back	525.3	5.5 lbs.
60-2462-02L	121.9	2 lbs.
60-2462-04L	125.9	2 lbs.
60-2462-Back	174.2	2 lbs.
INDUSTRIAL GAUGES		
40-1008S-Lower	13.0	.25 lbs.
40-1008S-Back	13.0	.25 lbs.
50-1008S-Lower	13.0	.25 lbs.
50-1008S-Back	13.0	.25 lbs.
63-1008S-Lower	15.0	0.5 lbs.
63-1008S-Back	20.0	0.5 lbs.
10-1008S-Lower	30.0	1 lbs.
10-1008S-Back	40.0	1 lbs.
25-1009-Lower	15.0	.5 lbs.
25-1009-Back	20.3	.5 lbs.
35-1009-Lower	30.0	1 lb.
35-1009-Back	40.0	1 lb.
45-1009-Lower	70.9	1.75 lbs.
45-1009-Back	103.4	1.75 lbs.
25-1009XFW-Lower	19.9	.5 lbs.
25-1009XFW-Back	31.6	.5 lbs.

Type	Volume/Cu. In.	Weight/Lbs.
INDUSTRIAL GAUGES Cont.		
35-1009XFW-Lower	39.4	1 lb.
35-1009XFW-Back	56.3	1 lb.
25-1009XFF-Back	36.0	.5 lbs.
35-1009XFF-Back	62.0	1 lb.
45-1009XFF-Back	158.4	1.75 lbs.
45-1009XUC	103.4	1.75 lbs.
45-1010-Lower	147.0	2.5 lbs.
45-1010-Back	162.0	2.5 lbs.
60-1010-Lower	217.0	3.5 lbs.
60-1010-Back	270.0	3.5 lbs.
85-1010-Lower	413.0	5.25 lbs.
85-1010-Back	496.0	5.25 lbs.
12-1010-Lower	652.5	13.5 lbs.
12-1010-Back	946.1	13.5 lbs.
20-1032S	18.0	0.5 lbs.
25-1032S	130.0	2 lbs.
35-1032S	130.0	2 lbs.
45-1032S	175.0	3 lbs.
45-1220-02L	147.0	3.5 lbs.
45-1220-04L	152.0	3.5 lbs.
45-1220-Back	162.0	3.5 lbs.
60-1220-02L	122.0	2 lbs.
60-1220-04L	126.0	2 lbs.
60-1220-Back	174.0	2 lbs.
85-1220-02L	413.0	5.25 lbs.
85-1220-04L	441.0	5.25 lbs.
85-1220-Back	496.0	5.25 lbs.
45-1017-Back	145.0	2.75 lbs.
60-1017-Back	300.0	3 lbs.
1188 SERIES		
45-1188-Lower	126.0	2.5 lbs.
45-1188-Back	144.0	2.5 lbs.
60-1188-Lower	203.4	3.5 lbs.
60-1188-Back	240.3	3.5 lbs.
85-1188-Lower	361.3	4.5 lbs.
85-1188-Back	420.3	4.5 lbs.
45-1187-Back	156.3	2.625 lbs.
60-1187-Back	225.0	2.75 lbs.
85-1187-Back	420.3	5.25 lbs.
45-1189-Lower	126.0	2.5 lbs.
45-1189-Back	144.0	2.5 lbs.
60-1189-Lower	203.4	3.125 lbs.
60-1189-Back	240.3	3.125 lbs.

GAUGE SIZES AND WEIGHTS Cont.

Type	Volume/Cu. In.	Weight
SPECIAL APPLICATIONS		
45-1020-Lower	76.8	1.75 lbs.
45-1339-Back	131.3	2.75 lbs.
60-1339-Back	255.3	3.5 lbs.
35-1038A-Lower	44.0	1.5 lbs.
45-1038A-Lower	94.5	3 lbs.
45-1038A-Back	144.0	3 lbs.
60-1038A-Lower	180.0	3.5 lbs.
60-1038A-Back	256.0	3.5 lbs.
25-1122KE-Lower	15.0	.5 lbs.
25-1122KF-Lower	24.0	.75 lbs.
45-1125-Lower	147.0	3 lbs.
60-1125-Lower	217.0	3.5 lbs.
45-1125-Back	162.0	3 lbs.
60-1125-Back	270.3	3.5 lbs.
45-1150-Lower	81.6	3 lbs.
10-5503-02L/04L <=5#	800.0	20 lbs.
10-5503-02L/04L >=10#	720.0	9 lbs.
16-5503-02L/04L <=5#	840.0	20 lbs.
16-5503-02L/04L >=10#	760.0	9 lbs.
10-5509-02L/04L <=5#	800.0	9 lbs.
10-5509-02L/04L >=10#	720.0	9 lbs.
16-5509-02L/04L <=5#	800.0	9.4 lbs.
16-5509-02L/04L >=10#	720.0	9.4 lbs.
LIQUID FILLED		
Liquid Fill adds following:		
2½" Sizes		.25 lbs.
3½" Sizes		.5 lbs.
4½" Sizes		1 lb.
TEST GAUGE		
45-1082-XTY-Lower	147.0	3.5 lbs.
45-1082-XTY-Back	162.0	3.5 lbs.
45-1082-X70AY-Lower	147.0	2.5 lbs.
45-1082-X70AY-Back	162.0	2.5 lbs.
60-1082-X70AY-Lower	217.0	3.125 lbs.
60-1082-X70AY-Back	270.3	3.125 lbs.
85-1082-X70AY-Lower	413.4	5.25 lbs.
85-1082-X70AY-Back	441.0	5.25 lbs.
30-1084-Lower	26.7	1.5 lbs.

Type	Volume Cu. In.	Weight	
		Oz	Kg
COMMERCIAL GAUGES			
15W1005-Lower	3.8	2.646	0.075
15W1005-Back	4.9	2.363	0.067
15W1005P-Lower	3.8	2.936	0.084
15W1005P-Back	4.9	2.081	0.059
15W1001S-Back	4.9	1.905	0.054
15W1001T-Back	6.0	2.434	0.069
20W1005-Lower	6.2	3.245	0.092
20W1005-Back	9.5	3.457	0.098
20W1005P-Lower	6.2	2.998	0.085
20W1005P-Back	9.5	2.681	0.076
20W1005S-Lower	6.2	3.880	0.110
20W1005S-Back	9.5	3.951	0.112
20W1001T-XUC-Back	11.7	5.855	0.166
20W1001T-XFF-Back	17.8	4.903	0.139
25W1005-Lower	11.0	4.515	0.128
25W1005-Back	16.2	4.303	0.122
25W1005P-Lower	11.0	3.951	0.112
25W1005P-Back	16.2	3.951	0.112
25W1005M-XRG-Lower	11.0	4.903	0.139
25W1001T-XUC-Back	17.8	6.843	0.194
25W1001T-XFF-Back	27.2	6.596	0.187
25W1007P-Lower	11.7	3.810	0.108
35W1005-Lower	20.6	7.619	0.216
35W1005-Back	33.0	6.808	0.193
35W1005P-Lower	20.6	6.138	0.174
35W1005P-Back	33.0	5.115	0.145
35W1001T-XUC-Back	33.0	10.088	0.286
45W1000-Lower	27.1	13.404	0.380
45W2071-Lower	54.0	19.648	0.557
63 1008A-Lower-Dry	11.0	4.515	0.128
63 1008AL-Lower-Filled	11.0	7.337	0.208
63 1008A-Back-Dry	23.9	5.538	0.157
63 1008AL-Back-Filled	23.9	8.607	0.244
10 1008A-Lower-Dry	23.3	7.901	0.224
10 1008AL-Lower-Filled	23.3	16.367	0.464
10 1008A-Back-Dry	43.4	8.818	0.250
10 1008AL-Back-Filled	43.4	16.614	0.471
23DDG	0.7	0.564	0.016
12DDG	1.8	0.705	0.020
15DDG	2.3	0.776	0.022

DIAPHRAGM SEALS SIZES AND WEIGHTS

Type	Volume/Cu. In.	Weight
THREADED SEALS		
$\frac{1}{4}$ " , $\frac{1}{2}$ " , $\frac{3}{4}$ " 100, 200, 300	48.0	3.5 lbs.
1" 100, 200, 300	48.0	3.375 lbs.
$\frac{1}{4}$ " 100, 200, 300	48.0	3.5 lbs.
$\frac{1}{2}$ " 101, 201, 301	48.0	3.25 lbs.
$\frac{3}{4}$ " 101, 201, 301	48.0	3.125 lbs.
1" 101, 201, 301	48.0	3 lbs.
IN-LINE THREADED		
$\frac{1}{4}$ " 104/204	30.3	3.875 lbs.
$\frac{1}{2}$ " 104/204	56.3	6.5 lbs.
IN-LINE WELDED		
$\frac{3}{4}$ " 107/207		7.75 lbs.
1" 107/207		8.25 lbs.
$1\frac{1}{2}$ " 107/207		9 lbs.
2" 107/207		9.25 lbs.
1" – 150#		14.25 lbs.
1" – 300#		16.5 lbs.
$1\frac{1}{2}$ " – 150#		16.75 lbs.
$1\frac{1}{2}$ " – 300#		22.75 lbs.
2" – 150#		21.25 lbs.
2" – 300#		25.5 lbs.
3" – 150#		30 lbs.
3" – 300#		36.125 lbs.
4" – 150#		41 lbs.
4" – 300#		62 lbs.
6" – 150#		62 lbs.
6" – 300#	2763.6	100 lbs.
8" – 150#	3025.0	92 lbs.

Type	Volume/Cu. In.	Weight
FLANGED SEALS – 102, 202, 302		
$\frac{1}{2}$ " – 150#	42.2	2.5 lbs.
$\frac{1}{2}$ " – 300# & 600#	48.0	4.875 lbs.
$\frac{1}{2}$ " – 900# & 1500#	81.3	6.5 lbs.
$\frac{3}{4}$ " – 150#	48.0	4.75 lbs.
$\frac{3}{4}$ " – 300# & 600#	67.7	6.125 lbs.
$\frac{3}{4}$ " – 900# & 1500#	96.5	8 lbs.
1" – 300# & 600#	62.0	5.5 lbs.
1" – 900# & 1500#	87.9	10.25 lbs.
$1\frac{1}{2}$ " – 150#	62.5	6.5 lbs.
$1\frac{1}{2}$ " – 300# & 600#	95.1	9.5 lbs.
$1\frac{1}{2}$ " – 900# & 1500#	118.3	14.625 lbs.
2" – 150#	78.1	5.75 lbs.
2" – 300# & 600#	91.1	9.75 lbs.
2" – 900# & 1500#	153.1	23.5 lbs.
3" – 150#	120.1	.25 lbs.
3" – 300# & 600#	162.6	11.25 lbs.
3" – 900# & 1500#	346.7	25.5 lbs.
SADDLE		
3" Pipe	30.6	4 lbs.
4" Pipe	33.7	4.25 lbs.
FLANGED SEALS, FLUSHING – 103, 203, 303		
$\frac{1}{2}$ " , $\frac{3}{4}$ " Same as 102, 202, 302		
1" – 150#	60.8	4 lbs.
1" – 300# & 600#	82.7	5.25 lbs.
1" – 900# & 1500#	117.2	10 lbs.
$1\frac{1}{2}$ " – 150#	82.7	6.25 lbs.
$1\frac{1}{2}$ " – 300# & 600#	126.8	9.25 lbs.
$1\frac{1}{2}$ " – 900# & 1500#	157.7	14.5 lbs.
2" – 150#	136.7	5.5 lbs.
2" – 300# & 600#	159.5	9.5 lbs.
2" – 900# & 1500#	268.0	23.25 lbs.
3" – 150#	195.2	7 lbs.
3" – 300# & 600#	234.8	11.5 lbs.
3" – 900#	365.5	23 lbs.
3" – 1500#	433.4	25.5 lbs.

BIMETAL SIZES AND WEIGHTS

Type	Volume/Cu. In.	Weight/ozs.
2" REAR		
2½" S	17.7	4.5 oz.
4" S	25.3	5.5 oz.
6" S	35.4	6.5 oz.
9" S	50.6	8.0 oz.
12" S	63.8	9.5 oz.
3" REAR		
2½" S	37.0	7.0 oz.
4" S	52.8	8.0 oz.
6" S	79.9	9.0 oz.
9" S	105.6	10.5 oz.
12" S	137.3	12.0 oz.
15" S	169.0	13.5 oz.
3" LOWER		
2½" S	39.0	11.0 oz.
4" S	48.8	12.0 oz.
6" S	61.8	13.0 oz.
9" S	81.3	14.5 oz.
12" S	100.8	16.0 oz.
15" S	120.3	17.5 oz.
3" EVERY ANGLE*		
2½" S	47.5	11.0 oz.
4" S	63.4	12.0 oz.
6" S	84.5	13.0 oz.
9" S	116.2	14.5 oz.
12" S	147.9	16.0 oz.
15" S	179.6	17.5 oz.

Type	Volume/Cu. In.	Weight/ozs.
5" REAR		
2½" S	96.5	16.0 oz.
4" S	137.8	17.0 oz.
6" S	192.8	18.0 oz.
9" S	275.6	19.5 oz.
12" S	358.3	21.0 oz.
15" S	441.0	22.5 oz.
18" S	523.7	24.0 oz.
24" S	689.1	27.0 oz.
5" LOWER		
2½" S	81.4	26.0 oz.
4" S	97.1	27.0 oz.
6" S	118.1	28.0 oz.
9" S	149.6	29.5 oz.
12" S	181.1	31.0 oz.
15" S	212.6	32.5 oz.
18" S	244.1	34.0 oz.
24" S	307.1	37.0 oz.
5" EVERY ANGLE*		
2½" S	165.4	25.0 oz.
4" S	206.7	26.0 oz.
6" S	261.8	27.0 oz.
9" S	344.5	28.6 oz.
12" S	427.5	30.0 oz.
15" S	509.5	31.5 oz.
18" S	592.6	33.0 oz.
24" S	758.0	36.0 oz.
1" TEST		
	9.0	3.0 oz.

*For Liquid Filled Types:

Add 2 oz. to 3"

Add 3 oz. to 5"

THERMOWELL SIZES AND WEIGHTS

Type	Volume/Cu. In.	Weight
THREADED & SOCKET WELD		
1/2" Connection		
2½" U	6.6	.25 lbs.
4½" U	9.8	.50 lbs.
7½" U	14.5	.80 lbs.
10½" U	19.1	1.25 lbs.
13½" U	23.8	1.60 lbs.
16½" U	28.5	2.00 lbs.
19½" U	33.2	2.40 lbs.
22½" U	37.9	2.70 lbs.
3/4" Connection		
1⅝" U	4.7	.20 lbs.
2½" U	6.6	.50 lbs.
4½" U	9.8	.75 lbs.
7½" U	14.5	1.20 lbs.
10½" U	19.1	1.50 lbs.
13½" U	23.8	1.90 lbs.
16½" U	28.5	2.30 lbs.
19½" U	33.2	2.70 lbs.
22½" U	37.9	3.10 lbs.
1" Connection		
1⅝" U	6.8	.27 lbs.
2½" U	9.6	.75 lbs.
4½" U	14.1	1.00 lbs.
7½" U	20.8	1.50 lbs.
10½" U	27.6	2.00 lbs.
13½" U	34.3	2.50 lbs.
16½" U	41.1	3.00 lbs.
19½" U	47.8	3.50 lbs.
22½" U	54.6	4.00 lbs.
FLANGED		
1"/150# Flanges		
2½" U	86.1	2.3 lbs.
4½" U	126.6	2.5 lbs.
7½" U	187.3	3.0 lbs.
10½" U	248.1	3.3 lbs.
13½" U	308.8	3.7 lbs.
16½" U	369.6	4.0 lbs.
19½" U	430.3	4.5 lbs.
22½" U	491.1	4.9 lbs.
1"/300# Flanges		
2½" U	106.3	3.3 lbs.
4½" U	156.3	3.5 lbs.
7½" U	231.3	4.0 lbs.
10½" U	306.3	4.3 lbs.
13½" U	381.3	4.7 lbs.
16½" U	456.3	5.0 lbs.
19½" U	531.3	5.5 lbs.
22½" U	606.3	5.9 lbs.

Type	Volume/Cu. In.	Weight
FLANGED Cont.		
1"/600# Flanges		
2½" U	106.3	3.8 lbs.
4½" U	156.3	4.0 lbs.
7½" U	231.3	4.5 lbs.
10½" U	306.3	4.8 lbs.
13½" U	381.3	5.2 lbs.
16½" U	456.3	5.5 lbs.
19½" U	531.3	6.0 lbs.
22½" U	606.3	6.4 lbs.
1½"/150# Flanges		
2½" U	114.9	3.8 lbs.
4½" U	169.0	4.0 lbs.
7½" U	250.1	4.5 lbs.
10½" U	331.2	4.8 lbs.
13½" U	412.4	5.2 lbs.
16½" U	493.5	5.5 lbs.
19½" U	574.6	6.0 lbs.
22½" U	655.7	6.4 lbs.
1½"/300# Flanges		
2½" U	166.0	6.5 lbs.
4½" U	244.1	6.8 lbs.
7½" U	361.3	7.2 lbs.
10½" U	478.5	7.5 lbs.
13½" U	595.7	7.9 lbs.
16½" U	712.9	8.3 lbs.
19½" U	830.1	8.7 lbs.
22½" U	947.3	9.1 lbs.
1½"/600# Flanges		
2½" U	166.0	7.5 lbs.
4½" U	244.1	7.8 lbs.
7½" U	361.3	8.2 lbs.
10½" U	478.5	8.5 lbs.
13½" U	595.7	8.9 lbs.
16½" U	712.9	9.3 lbs.
19½" U	830.1	9.7 lbs.
22½" U	947.3	10.1 lbs.
2"/150# Flanges		
2½" U	166.0	5.5 lbs.
4½" U	244.1	5.8 lbs.
7½" U	361.3	6.2 lbs.
10½" U	478.5	6.5 lbs.
13½" U	595.7	6.9 lbs.
16½" U	712.9	7.3 lbs.
19½" U	830.1	7.7 lbs.
22½" U	947.3	8.1 lbs.

THERMOWELL SIZES AND WEIGHTS Cont.

Type	Volume/Cu. In.	Weight
FLANGED Cont.		
2" /300# Flanges		
2½" U	190.8	7.0 lbs.
4½" U	280.6	7.3 lbs.
7½" U	415.2	7.7 lbs.
10½" U	549.9	8.0 lbs.
13½" U	684.6	8.5 lbs.
16½" U	819.2	8.8 lbs.
19½" U	953.9	9.3 lbs.
22½" U	1088.6	9.6 lbs.

Type	Volume/Cu. In.	Weight
FLANGED Cont.		
2" /600# Flanges		
2½" U	190.8	8.8 lbs.
4½" U	280.6	9.0 lbs.
7½" U	415.2	9.5 lbs.
10½" U	549.9	9.8 lbs.
13½" U	684.6	10.2 lbs.
16½" U	819.2	10.5 lbs.
19½" U	953.9	11.0 lbs.
22½" U	1088.6	11.4 lbs.

DURATEMP® THERMOMETER SIZES AND WEIGHTS

DURATEMP	
Size & Case Style	Weight
4½" – C01 Stainless Steel	3.00 lbs.
4½" – C02 Hinged Ring	4.00 lbs.
6" – C02 Hinged Ring	4.25 lbs.
8½" – C02 Hinged Ring	6.75 lbs.
4½" – C03 Threaded Ring	3.75 lbs.
6" – C03 Threaded Ring	4.40 lbs.
4½" – C04 Phenol	3.75 lbs.
6" – C04 Phenol	4.40 lbs.
8½" – C04 Phenol	5.75 lbs.
The above weights are for standard 5 foot capillaries. For additional lengths add .30 pounds for every 5 feet.	

SIZES		
Remote reading thermometers are packed in special cartons with the head separate at one end and the capillary coiled at the other. The cubic inch sizes are as follows:		
Size	Volume/Cu. In.	
3½"	528.8	
4½" & 6"	898.9	
8½"	1110.4	
600B DIRECT MOUNT		
Stem Length	Volume/Cu. In.	Weight
6" – 01	303.2	2.00 lbs.
9" – 02	385.9	2.13 lbs.
12" – 03	468.6	2.25 lbs.
1" – 04	551.3	2.38 lbs.

SWITCH SIZES AND WEIGHTS

Type	Volume/Cu. In.	Weight
PRESSURE SWITCH		
B400 – ¼ NPT	50.0	1.6 lbs.
B400 – ½ NPT	60.0	1.7 lbs.
B400 – Low Range	158.5	1.9 lbs.
B700 – ¼ NPT	129.9	1.8 lbs.
B700 – ½ NPT	149.2	1.9 lbs.
B700 – Low Range	186.0	2.0 lbs.
D400 – Low Range	158.5	1.9 lbs.
D400 – High Range	72.5	3.4 lbs.
D700 – Low Range	186.0	2.0 lbs.
D700 – High Range	143.0	3.6 lbs.
H4 – Hydraulic	57.5	1.8 lbs.

Type	Volume/Cu. In.	Weight
TEMPERATURE SWITCH – STEM		
T400 – 027 Stem	90.0	1.8 lbs.
– 040 Stem	102.5	1.9 lbs.
– 060 Stem	122.5	2.1 lbs.
– 090 Stem	152.5	2.3 lbs.
– 120 Stem	182.5	2.5 lbs.
T700 – 027 Stem	162.5	2.0 lbs.
– 040 Stem	182.8	2.1 lbs.
– 060 Stem	215.3	2.3 lbs.
– 090 Stem	264.1	2.5 lbs.
– 120 Stem	312.8	2.7 lbs.
TEMPERATURE SWITCH – REMOTE		
T400	792.0	2.8 lbs.
T700	792.0	3.0 lbs.
The above remote mounted temperature switches are for standard 5 foot capillaries. For additional lengths, add to the weight .4 lbs. per 5 feet.		