

HAIGHT, DICKSON, BROWN & BONESTEEL

LAWYERS

February 6, 1981

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IN REPLY REFER TO

Mr. Hoch
Santa Monica

Johns-Manville Corporation
Ken-Caryl Ranch
P.O. Box 5723
Denver, Colorado 80217

Attention: Ken Gully, Esq.

Re: SEPCO
Garlock
Other Defendants

Dear Ken:

We have recently taken some photographs at Tom Martin's office and Jack Grisham's office of various boxes and packages of asbestos containing products of some of our co-defendants. As soon as those are developed we'll send you on prints or the negatives as you so desire.

We enclose herein some xerox copies of Garlock material, Sepco tags and a Sepco brochure which we trust you will find helpful. I suppose it should be routed through Pat Fenner for her updates as necessary.

Very truly yours,



Steven L. Hoch
of HAIGHT, DICKSON, BROWN & BONESTEEL

SLH/mjd
Enclosure

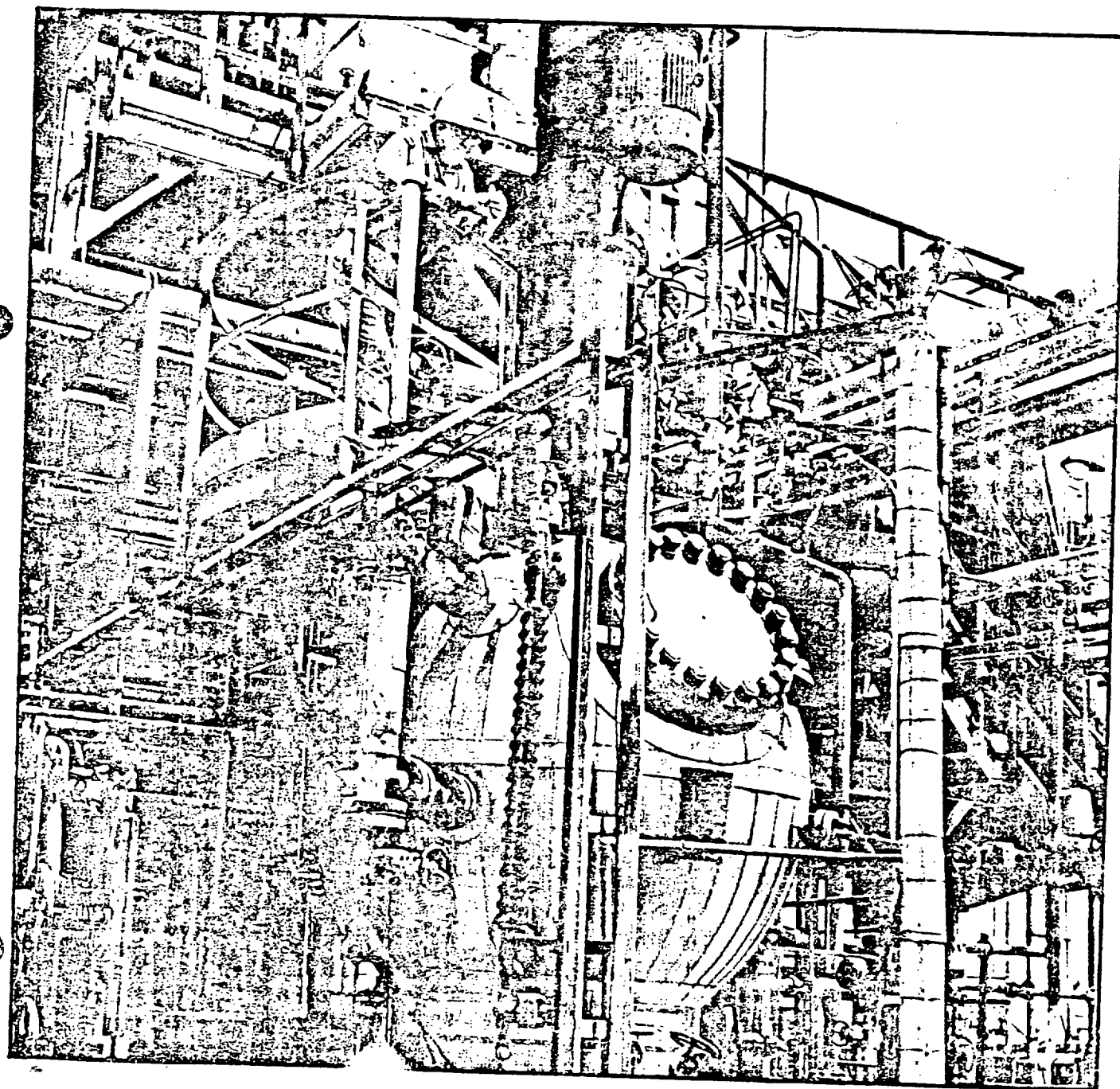
cc: Rick Evans, Esq.
Bob Cudworth
Curtis M. Caton, Esq.
Clark Burnham, Esq.

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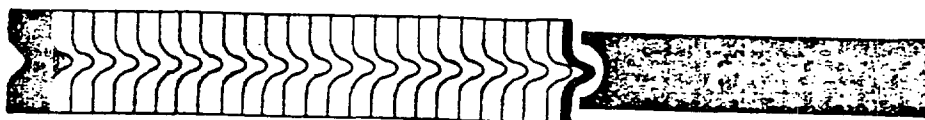
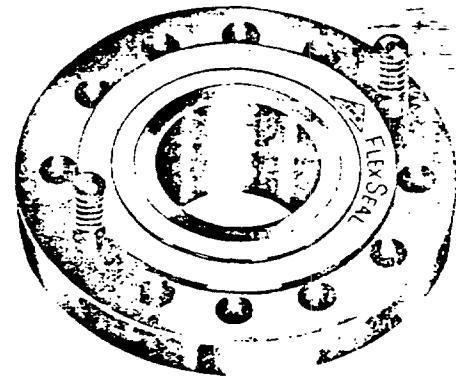
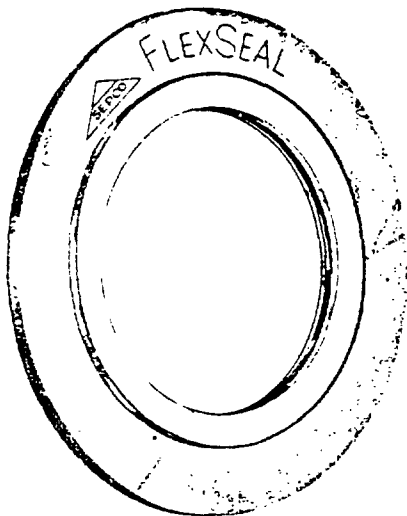
PLAINTIFF'S
EXHIBIT

G-349

SEPCO METALLIC GASKETS



STYLE RW FLEXSEAL GASKETS



FOR USE ON ANSI B 16.5 FLANGES (DIMENSIONS BASED ON API STANDARD 601) RAISED FACE, OR FLAT FACE

The standard SEPCO style RW gaskets are constructed of a 304 stainless steel continuous strip spirally wound with a Canadian asbestos filler between plies. This assembly is inserted in a $\frac{1}{4}$ " thick carbon steel gauge ring. The sealing section is .175" thick with optimum compression in the range of .130" to .135" to accommodate various flange face finishes.

THE UTILIZATION OF THE GAUGE RING PROVIDES THE FOLLOWING ADVANTAGES:

1. Permits accurate and positive centering of gasket in the flange.
2. Radial strength is increased thereby eliminating gasket blow out.
3. Prevents excessive strain load on flange studs.

4. Eliminates crushing of gasket sealing section.

Unless otherwise specified all style RW gaskets will be furnished with carbon steel gauge rings.

A complete stock of standard SEPCO style RW gaskets for all popular pipe sizes and pressure series up to 2500 psig is carried for immediate delivery.

SEPCO spiral wound gaskets for use with raised face weld neck flanges in petroleum refinery piping systems designed and installed to conform to The American Standard For Steel Pipe Flanges and Flanged Fittings and A.P.I. Standard 601 are available as style RW.

NOTE:

For gasket materials available and general selection information see Page 9.

STYLE RW FOR USE ON ANSI B 16.5 FLANGES (DIMENSIONS BASED ON API STANDARD 601) RAISED FACE, OR FLAT FACE

NOTE: ASA 16.20 available upon request.

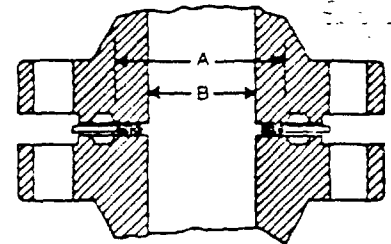
NOMINAL PIPE SIZE (Inches)	ALL SERIES GASKET O.D. (Inches)	150 PSI SERIES		300 PSI SERIES		400 PSI SERIES		600 PSI SERIES	
		GASKET I.D. (Inches)	RING O.D. (Inches)	GASKET I.D. (Inches)	RING O.D. (Inches)	GASKET I.D. (Inches)	RING O.D. (Inches)	GASKET I.D. (Inches)	RING O.D. (Inches)
1/4	7/8	1/2	1 3/4	1/2	1 3/4	1/2	1 3/4	1/2	1 3/4
1/2	1 1/4	3/4	1 7/8	3/4	2 1/8	3/4	2 1/8	3/4	2 1/8
3/4	1 9/16	1	2 1/4	1	2 5/8	1	2 5/8	1	2 5/8
1	1 7/8	1 1/4	2 5/8	1 1/4	2 7/8	1 1/4	2 7/8	1 1/4	2 7/8
1 1/4	2 3/8	1 7/8	3	1 7/8	3 1/4	1 7/8	3 1/4	1 7/8	3 1/4
1 1/2	2 3/4	2 1/8	3 3/8	2 1/8	3 3/4	2 1/8	3 3/4	2 1/8	3 3/4
2	3 3/8	2 3/4	4 1/8	2 3/4	4 3/8	2 3/4	4 3/8	2 3/4	4 3/8
2 1/2	3 7/8	3 1/4	4 7/8	3 1/4	5 1/8	3 1/4	5 1/8	3 1/4	5 1/8
3	4 3/4	4	5 3/8	4	5 7/8	4	5 7/8	4	5 7/8
3 1/2	5 1/4	4 1/2	6 3/8	4 1/2	6 1/2	4 1/8	6 3/8	4 1/8	6 3/8
4	5 7/8	5	6 7/8	5	7 1/8	4 3/4	7	4 3/4	7 5/8
4 1/2	6 1/2	5 1/2	7	5 1/2	7 3/4	5 5/16	7 5/8	5 5/16	8 1/4
5	7	6 1/8	7 3/4	6 1/8	8 1/2	5 13/16	8 3/8	5 13/16	9 1/2
6	8 1/4	7 3/16	8 3/4	7 3/16	9 7/8	6 7/8	9 3/4	6 7/8	10 1/2
8	10 3/8	9 3/16	11	9 3/16	12 1/8	8 7/8	12	8 7/8	12 5/8
10	12 1/2	11 5/16	13 3/8	11 5/16	14 1/4	10 13/16	14 1/8	10 13/16	15 3/4
12	14 3/4	13 3/8	16 1/8	13 3/8	16 5/8	12 7/8	16 1/2	12 7/8	18
14	16	14 5/8	17 3/4	14 5/8	19 1/8	14 1/4	19	14 1/4	19 3/8
16	18 1/4	16 5/8	20 1/4	16 5/8	21 1/4	16 1/4	21 1/8	16 1/4	22 1/4
18	20 3/4	18 11/16	21 5/8	18 11/16	23 1/2	18 1/2	23 3/8	18 1/2	24 1/8
20	22 3/4	20 11/16	23 7/8	20 11/16	25 3/4	20 1/2	25 1/2	20 1/2	26 7/8
24	27	24 3/4	28 1/4	24 3/4	30 1/2	24 3/4	30 1/4	24 3/4	31 1/8

NOTE: For inside guide rings specify RWI.

STYLE RW and RW-RJ FLEXSEAL GASKETS

STYLE RW FOR USE ON ANSI B 16.5 FLANGES (DIMENSIONS BASED ON API STANDARD 601)
RAISED FACE, OR FLAT FACE

NOMINAL PIPE SIZE (Inches)	ALL SERIES GASKET O.D. (Inches)	900 PSI SERIES		1500 PSI SERIES		2500 PSI SERIES	
		GASKET I.D. (Inches)	RING O.D. (Inches)	GASKET I.D. (Inches)	RING O.D. (Inches)	GASKET I.D. (Inches)	RING O.D. (Inches)
1/2	1 1/4	3/4	2 1/2	3/4	2 1/2	3/4	2 3/4
3/4	1 5/8	1	2 3/4	1	2 3/4	1	3
1	1 7/8	1 1/4	3 1/8	1 1/4	3 1/8	1 1/4	3 3/8
1 1/4	2 3/8	1 9/16	3 1/2	1 9/16	3 1/2	1 9/16	4 1/8
1 1/2	2 3/4	1 7/8	3 7/8	1 7/8	3 7/8	1 7/8	4 5/8
2	3 3/8	2 5/16	5 5/8	2 5/16	5 5/8	2 5/16	5 3/4
2 1/2	3 7/8	2 3/4	6 1/2	2 3/4	6 1/2	2 3/4	6 5/8
3	4 3/4	3 3/4	6 5/8	3 5/8	6 7/8	3 5/8	7 3/4
3 1/2	5 1/4	4 1/8	7 1/2	4 1/8	7 3/8		
4	5 7/8	4 3/4	8 1/8	4 5/8	8 1/4	4 5/8	9 1/4
4 1/2	6 1/2	5 5/16	9 3/8	5 5/16	9 1/8		
5	7	5 13/16	9 3/4	5 5/8	10	5 5/8	11
6	8 1/4	6 7/8	11 3/8	6 3/4	11 1/8	6 3/4	12 1/2
6	10 3/8	8 7/8	14 1/8	8 1/2	13 7/8	8 1/2	15 1/4
10	12 1/2	10 13/16	17 1/8	10 5/8	17 1/8	10 5/8	18 3/4
12	14 3/4	12 7/8	19 5/8	12 3/4	20 1/2	12 3/4	21 5/8
14	16	14 1/4	20 1/2	14 1/4	22 3/4		
16	18 1/4	16 1/4	22 5/8	16 1/4	25 1/4		
18	20 3/4	18 1/4	25 1/8	18 1/4	27 3/4		
20	22 3/4	20 1/4	27 1/2	20 1/4	29 3/4		
24	27	24 1/4	33	24 1/4	35 1/2		



STYLE RW-RJ RING TYPE JOINT

Dimensions A & B are controlling dimensions although full utilization of this available area is not always essential to an effective seal.

STYLE RW-RJ FOR RING-TYPE JOINTS

NOMINAL PIPE SIZE (Inches)	GASKET DIMENSIONS							
	150 PSI			300-400-600 PSI		300 PSI	400 PSI	600 PSI
	GASKET I.D. (Inches)	GASKET O.D. (Inches)	RING O.D. (Inches)	GASKET I.D. (Inches)	GASKET O.D. (Inches)	RING O.D. (Inches)	RING O.D. (Inches)	RING O.D. (Inches)
2 1/2	2 3/4	3 5/16	4 7/8	2 3/4	3 5/16	5 1/8	5 1/8	5 1/8
3	3 5/16	3 15/16	5 3/8	3 5/16	3 15/16	5 7/8	5 7/8	5 7/8
3 1/2	3 13/16	4 1/2	6 3/8	3 13/16	4 1/2	6 1/2	6 3/8	6 3/8
4	4 5/16	5 3/16	6 7/8	4 5/16	5 3/16	7 1/8	7	7 5/8
5	5 5/16	6 3/16	7 3/4	5 5/16	6 7/16	8 1/2	8 3/8	9 1/2
6	6 5/16	7 3/16	8 3/4	6 7/16	7 5/8	9 7/8	9 3/4	10 1/2
8	8 1/4	9 3/16	11	8 1/4	9 15/16	12 1/8	12	12 5/8
10	10 5/16	11 7/16	13 3/8	10 5/16	12	14 1/4	14 1/8	15 3/4
12	12 3/16	13 9/16	16 1/8	12 7/8	14 1/4	16 5/8	16 1/2	18
14	13 7/16	14 15/16	17 3/4	14 1/4	15 3/4	19 1/8	19	19 3/8
16	15 5/16	16 15/16	20 1/4	16 1/4	17 3/4	21 1/4	21 1/8	22 1/4
18	17 1/4	19	21 5/8	18 1/4	20 1/4	23 1/2	23 3/8	24 1/8
20	19 1/8	21 1/8	23 7/8	20 1/4	22 3/16	25 3/4	25 1/2	26 7/8
22				22 1/4	24 1/8	27 3/4	27 5/8	28 3/4
24	23	25 1/4	28 1/4	24 1/4	26 5/16	30 1/2	30 1/4	31 1/8

Note 1 For weld neck type flanges having a pipe bore equal to that of schedule 40 pipe. Not for slip-on flanges.

Note 2 For weld neck type flanges having a pipe bore equal to that of schedule 40 pipe and heavier, but not for slip-on flanges.

Note 3 Suitable for slip-on and weld neck type flanges.

STYLE RW-RJ FOR RING-TYPE JOINTS

NOMINAL PIPE SIZE (Inches)	GASKET DIMENSIONS					
	900 PSI			1500 PSI		
	GASKET I.D. (Inches)	GASKET O.D. (Inches)	RING O.D. (Inches)	GASKET I.D. (Inches)	GASKET O.D. (Inches)	RING O.D. (Inches)
2 1/2	2 9/16	3 5/8	6 1/2	2 9/16	3 5/8	6 1/2
3	3 3/16	4 3/16	6 5/8	3 3/16	4 11/16	6 7/8
4	4 1/16	5 3/16	8 1/8	4 1/16	5 11/16	8 1/4
5	5 5/16	6 7/16	9 3/4	5 1/16	6 15/16	10
6	6 5/16	7 5/8	11 3/8	6	7 9/16	11 1/8
8	8 1/4	9 15/16	14 1/8	7 7/8	9 3/4	13 7/8
10	10 5/16	12	17 1/8	9 13/16	11 7/8	17 1/8
12	12 7/8	14 1/4	19 5/8	11 15/16	13 13/16	20 1/2
14	13 13/16	15 9/16	20 1/2	13 7/16	15 3/16	22 3/4
16	15 9/16	17 9/16	22 5/8	15	17	25 1/4
18	17 11/16	19 15/16	25 1/8	17 1/4	19 1/2	27 3/4
20	19 11/16	21 15/16	27 1/2	19 3/16	21 7/16	29 3/4
24	23 3/16	25 15/16	33	23	25 1/2	35 1/2

Note 4 For weld neck type flanges having a pipe bore equal to that of schedule 80 pipe and heavier, but not for slip-on flanges.

Note 5 For weld neck type flanges having a pipe bore equal to that of schedule 40 pipe and heavier, but not for slip-on flanges.

Note 6 For weld neck type flanges having a pipe bore equal to that of schedule 80 pipe or heavier, but not for slip-on flanges.

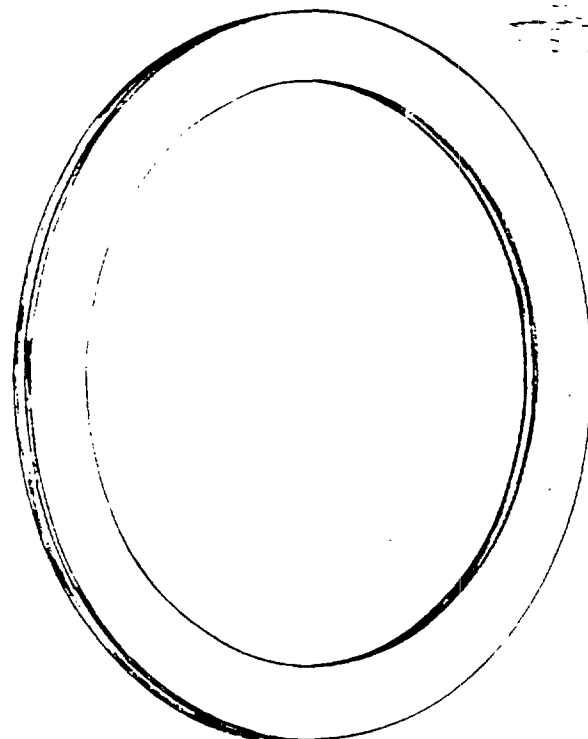
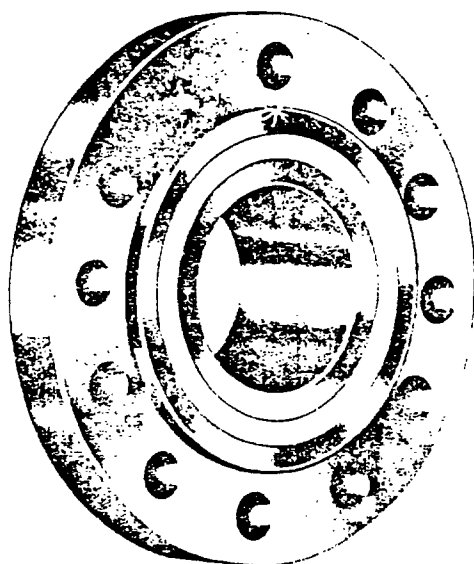
Note 7 For weld neck type flanges having a pipe bore equal to that of schedule 40 pipe or heavier, but not for slip-on flanges.

Note 8 Smaller sizes than 2 1/2" available upon request.

O.D. dimensions of gaskets are nominal. Actual dimensions are approximately 1/32" less to insure proper assembly in rings.

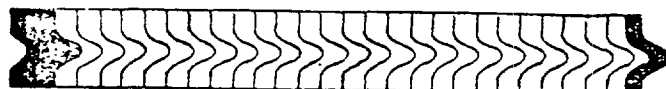
NOTE: For specials, see page 9.

STYLES LMF, LTG AND STG FLEXSEAL GASKETS



FOR LARGE MALE AND FEMALE FLANGES AND LARGE OR SMALL TONGUE AND GROOVE FLANGE ASSEMBLIES

SEPCO styles LMF, LTG and STG are constructed of 304 stainless steel with a Canadian asbestos filler to a nominal thickness of .125". Thickness of .175" is available on special order. These gaskets are designed and manufactured for all A S A standard flanges up to and including the 2500 lb series.



STYLE LMF FOR LARGE MALE AND FEMALE JOINTS

Nominal Pipe Size (Inches)	Gasket Dimensions 150-1500 PSI	
	I.D. (Inches)	O.D. (Inches)
1/4	1/2	1
1/2	1	1 3/8
3/4	1 5/16	1 11/16
1	1 1/2	2
1 1/4	1 7/8	2 1/2
1 1/2	2 1/8	2 7/8
2	2 7/8	3 5/8
2 1/2	3 3/8	4 1/8
3	4 1/4	5
3 1/2	4 3/4	5 1/2
4	5 3/16	6 3/16
4 1/2	5 11/16	6 3/4
5	6 5/16	7 5/16
6	7 1/2	8 1/2
8	9 3/8	10 5/8
10	11 1/4	12 3/4
12	13 1/2	15
14	14 3/4	16 1/4
16	17	18 1/2
18	19 1/4	21
20	21	23
24	25 1/4	27 1/4

Nominal Pipe Size (Inches)	Gasket Dimensions 2500PSI	
	I.D. (Inches)	O.D. (Inches)
1/2	13/16	1 3/8
3/4	1 1/16	1 11/16
1	1 1/4	2
1 1/4	1 5/8	2 1/2
1 1/2	1 7/8	2 7/8
2	2 3/8	3 5/8
2 1/2	3	4 1/8
3	3 3/4	5
3 1/2	4 3/4	5 1/2
4	5 3/4	6 3/16
5	6 3/4	7 5/16
6	7 1/2	8 1/2
8	8 3/4	10 5/8
10	10 3/4	12 3/4
12	13	15
14	14 3/4	16 1/4
16	17	18 1/2
18	19 1/4	21
20	21	23
24	25 1/4	27 1/4

STYLE LTG FOR LARGE TONGUE
AND GROOVE JOINTS

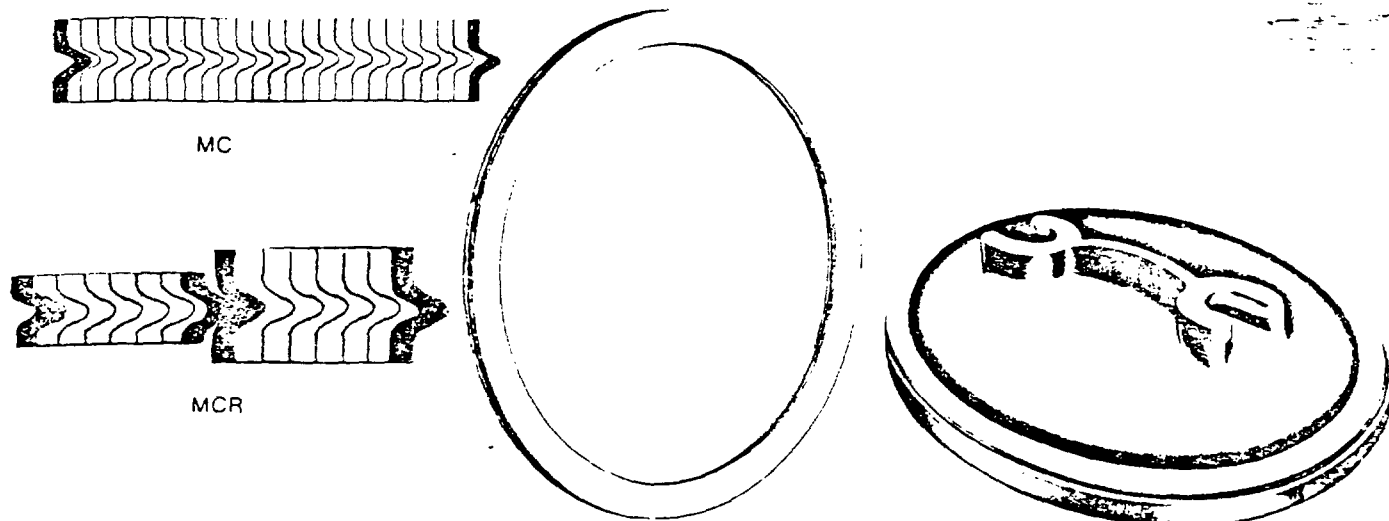
Nominal Pipe Size (Inches)	Gasket Dimensions 150-2500 PSI	
	I.D. (Inches)	O.D. (Inches)
1/2	1	1 3/8
3/4	1 5/16	1 11/16
1	1 1/2	2
1 1/4	1 7/8	2 1/2
1 1/2	2 1/8	2 7/8
2	2 7/8	3 5/8
2 1/2	3 3/8	4 1/8
3	4 1/4	5
3 1/2	4 3/4	5 1/2
4	5 3/16	6 3/16
5	6 5/16	7 5/16
6	7 1/2	8 1/2
8	9 3/8	10 5/8
10	11 1/4	12 3/4
12	13 1/2	15
14	14 3/4	16 1/4
16	17	18 1/2
18	19 1/2	21
20	21 1/2	23
24	25 3/4	27 1/4

STYLE STG FOR SMALL TONGUE
AND GROOVE JOINTS

Nominal Pipe Size (Inches)	Gasket Dimensions 150-2500PSI	
	I.D. (Inches)	O.D. (Inches)
1/2	1	1 3/8
3/4	1 5/16	1 11/16
1	1 1/2	1 7/8
1 1/4	1 7/8	2 1/4
1 1/2	2 1/8	2 1/2
2	2 7/8	3 1/4
2 1/2	3 3/8	3 3/4
3	4 1/4	4 5/8
3 1/2	4 3/4	5 1/8
4	5 3/16	5 11/16
5	6 5/16	6 13/16
6	7 1/2	8
8	9 3/8	10
10	11 1/4	12
12	13 1/2	14 1/4
14	14 3/4	15 1/2
16	16 3/4	17 5/8
18	19 1/4	20 1/8
20	21	22
24	25 1/4	26 1/4

NOTE: For gasket materials available and general selection information, See Page 9.

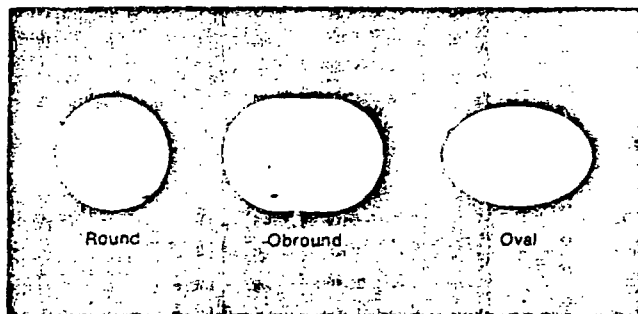
STYLE MC AND MCR FLEXSEAL GASKETS



FOR BOILER MANHOLE COVER ASSEMBLIES

SEPCO style MC and MCR gaskets, for use on boiler manhole cover assemblies, are designed and manufactured to satisfy two specific ranges of operating steam pressures. These ranges are 0 to 999 psig and 1000 psig and over.

Standard gaskets are constructed of 304 stainless steel continuous strip with a Canadian asbestos filler.



ORDERING MANHOLE GASKETS

The following information should be provided when ordering styles MC and MCR gaskets:

1. Make and model of boiler and/or equipment.
2. Gasket style desired.
3. Dimensions of gasket including thickness, flange width and shape.
4. Type of metal desired.
5. Maximum operating temperature and pressure.

For pitted or rough surfaces, gaskets with .250" thicknesses should be specified.

In addition to the above, when ordering special cover assemblies a sketch or drawing of the cover assembly and mating surfaces with all dimensions given and the minimum width of the seating surfaces should be provided.

NOTE: For gasket materials available and general selection information, See Page 9.

Style MC oval and round gaskets are available in thickness of .175" and .250" with varying flange widths as outlined in the accompanying tables.

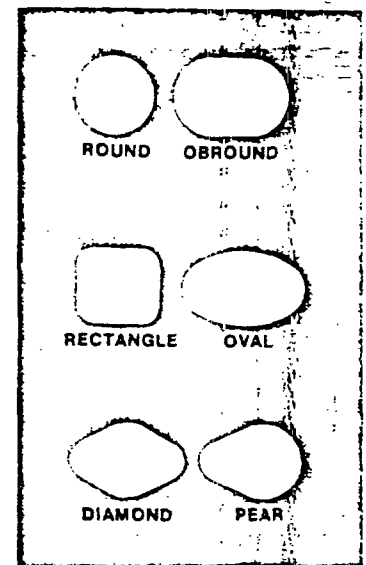
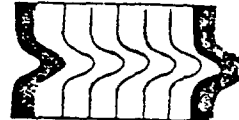
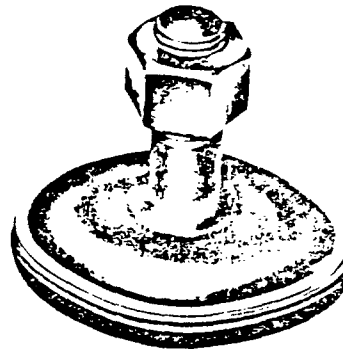
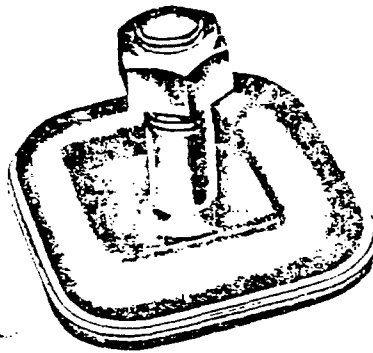
Style MCR gaskets are available with a .250" thickness and 13/16" flange width. A .175" spiral wound ring is inserted into the inner groove of this gasket to act as a centering guide.

STYLE MC and MCR GASKETS FOR MANHOLE COVER ASSEMBLIES

0—999 PSI 1000 PSI and Above			
Style	Nominal I.D. Dimensions (Inches)	Thickness (Inches)	Flange Width (Inches)
MC-Oval	10 x 15	.250	15/16
MC-Oval	10 x 16	.250	15/16
MC-Oval	11 x 15	.250	15/16
MRC-Oval	11 x 15	.250	13/16
MC-Oval	11 x 15	.175	3/4
MC-Oval	11 x 15	.175	15/16
MC-Oval	11 x 15	.175	1/2
MC-Oval	11 x 15	.175	1 1/4
MC-Oval	11 x 15	.250	1 1/4
MC-Obround	11 1/16 x 14 7/8	.250	15/16
MC-Obround	11 7/16 x 15 1/16	.250	15/16
MC-Oval	12 x 16	.250	15/16
MRC-Oval	12 x 16	.250	13/16
MC-Oval	12 x 16	.175	1/2
MC-Oval	12 x 16	.175	3/4
MC-Oval	12 x 16	.175	15/16
MC-Oval	12 x 16	.175	1 1/4
MC-Oval	12 x 16	.250	1 1/4
MC-Obround	12 x 16	.250	15/16
MC-Obround	12 x 16	.250	1 1/4
MRC-Oval	12 1/8 x 16 1/8	.250	13/16
MC-Obround	14 x 16	.175	3/4
MC-Round	14	.175	3/4
MC-Round	16 1/16	.175	3/4

NOTE. When ordering gaskets specify operating pressure and temperature and type of metal desired.

STYLE HH FLEXSEAL GASKETS



FOR BOILER HANDHOLE AND TUBECAP ASSEMBLIES

Standard SEPCO style HH gaskets are designed and manufactured to satisfy two specific ranges of operating pressures. These ranges are 0 to 999 psig and 1000 psig and over. Gaskets are constructed of a 304 stainless steel continuous strip with a Canadian asbestos filler.

Style HH gaskets are available in thicknesses of .125" and .175". Thickness of .250" is available for special conditions such as low bolting loads and pitted surfaces.

Other metallic alloys and fillers are available where conditions require resistance to corrosive action. See page 9 for materials available.

When ordering style HH gaskets, please specify:

1. Make and model of boiler and/or equipment.
2. Gasket shape and dimensions including gasket thickness, and flange width.
3. Type of metal desired.
4. Maximum operating temperature and pressure.

Orders for non-standard assemblies should also include a sketch or drawing of the cover assembly with all dimensions given

STYLE HH FOR BOILER HANDHOLE AND TUBECAP ASSEMBLIES 0—999 PSI..... 1000 PSI. AND OVER

Identification	Shape	Nominal Inside Dimensions (Inches)	Flange Width (Inches)
American Eng.	Oboound Round	3-5/16 x 3-11/16 3-5/16	3/16 3/16
Babcock and Wilcox			
#41	Oboound	2-9/64 x 2-33/64	5/32
#40	Diamond	3-3/8 x 3-3/4	3/16
#48	Oval	3-13/16 x 4-3/4	7/32
#79	Oboound	4-5/32 x 4-25/32	1/4
#24	Oval	4-1/2 x 5-1/2	7/32
#76	Oval	5-1/32 x 5-31/32	1/4
2" Econ	Round	1-5/8	1/4
#47	Round	2-1/32	3/16
#32	Round	3	1/4
#70	Round	3-9/32	3/16
#89	Round	3-7/16	5/32
#92	Round	4-1/32	1/4
#28	Rect	4-13/16 x 5	7/32
Badenhausen (See Riley Stoker)			
Bros			
HB-5 and HB-10	Round	2-1/4	1/4
HB-6 and HB-11	Round	3-3/8	1/4
HS-12	Round	4-1/4	1/4
HB-8 and HB-13	Oboound	3-3/8 x 4-1/4	1/4
HS-14	Oboound	4-1/4 x 5	1/4
Bucyrus-Erie			
Q227	Oboound	3 x 4-1/2	3/8
Q260	Oval	4 x 6	7/16
Q208	Round	2-1/2	1/4

Identification	Shape	Nominal Inside Dimensions (Inches)	Flange Width (Inches)
Casey-Hedges	Oboound	4-1/4 x 5-1/8	3/8
Cleaver-Brooks	Oboound Oboound Oboound	2-27/32 x 3-19/32 3-9/32 x 4-17/32 4 x 6	5/16 3/8 3/8
Combustion Eng			
24N-L1206	Diamond	3 x 3-7/8	1/4
29N-L839	Diamond	3-3/8 x 4-1/4	1/4
30N-L866	Diamond	3-5/8 x 4-1/2	1/4
33N-L1205	Diamond	3-3/4 x 4-5/8	1/4
31N-L579	Diamond	4-1/4 x 5-1/8	1/4
21N-L1291	Oboound	2-1/8 x 2-1/2	5/32
22N	Oval	2-1/8 x 2-5/8	7/32
23N	Oboound	2-25/32 x 3-13/32	7/32
25N-L1278	Oboound	3-1/8 x 4-1/8	3/16
27N	Diamond	3-3/8 x 3-3/4	3/16
28N-L1277	Oboound	3-3/8 x 3-7/8	3/16
32N	Oval	4-1/2 x 5-1/2	7/32
1N-L1272	Round	1-1/2	3/16
7N-L1131	Round	1-3/4	3/16
3N-L1274	Round	2-5/8	7/32
4N-L740	Round	3-1/8	1/4
L741	Round	3-3/8	1/4
5N-L902	Round	3-5/8	1/4
6N-L744	Round	4-1/8	1/4
51N	Rect.	4-13/16 x 5	7/32
52N-L1117	Rect.	4-7/8 x 5-3/16	7/32
PB-9474	Oboound	4-1/8 x 4-7/8	3/16
PB9474	Round	3-1/2	3/16

*.285" Thick.

NOTE: When ordering gaskets specify operating pressure and temperature and type of metal desired.

STYLE HH FLEXSEAL GASKETS (continued)

STYLE HH FOR BOILER HANDHOLE AND TUBECAP ASSEMBLIES 0-999 PSI . . . 1000 PSI AND OVER

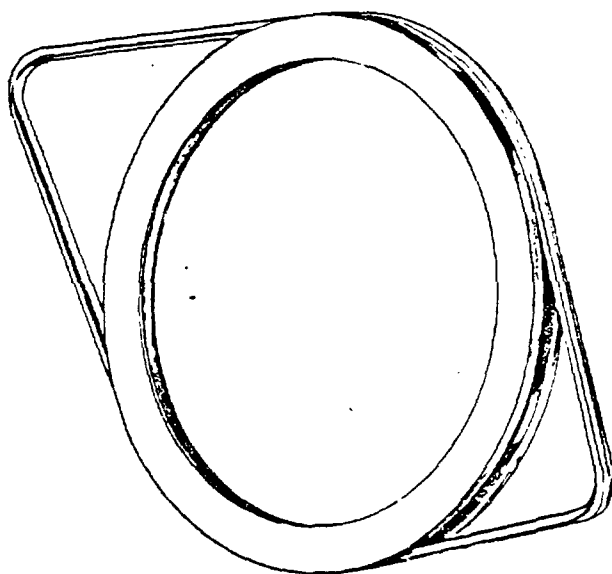
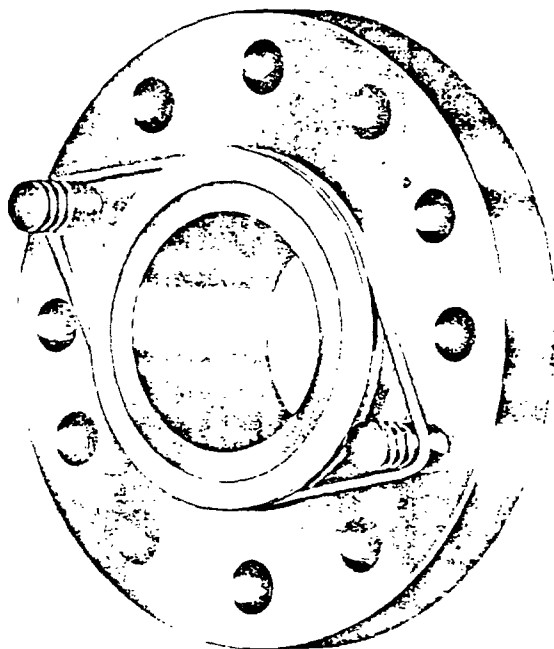
Identification	Shape	Nominal Inside Dimensions (Inches)		Flange Width (Inches)
Connelly	Obround	3	x 3-15/16	3/8
Edge Moor	Oval	4-1/8	x 5-1/4	3/8
	Round	2-1/2		1/2
	Round	4-1/16		15/32
Erie City	Pear	3-1/2	x 4-5/8	3/8
	Obround	3	x 4-1/2	3/8
	Oval	3-1/32	x 4-1/32	5/16
	Oval	3-17/32	x 4-17/32	5/16
	Oval	4-1/32	x 5-1/32	5/16
	Oval	4-1/32	x 6-1/32	3/8
Foster Wheeler 2-3/4" 3-5/16"	Round	3-1/2		3/8
	Diamond	4	x 5	3/8
	Obround	2-25/32	x 3-13/32	7/32
	Obround	3	x 4	3/8
	Obround	3-11/32	x 3-31/32	7/32
	Oval	4-3/16	x 5-3/16	5/16
	Round	15/16		5/32
	Round	2-1/32		13/64
	Round	2-1/32		15/64
	Round	2-1/8	or 2-1/16	3/8
	Round	3-1/8	or 3-1/16	3/8
	Round	4-1/8	or 4-1/16	3/8
	Rect.	4-15/16	x 5-3/16	7/32
Geary 3-1/2" 4" 4"	Obround	3-13/16	x 4-5/8	3/8
	Obround	4-1/4	x 5-1/4	7/16
	Obround	*4-1/4	x 5-1/4	7/16
Heine	Obround	3-5/8	x 4-5/8	3/8
	Round	3-5/8		3/8
International	Oval	2-19/32	x 3-19/32	7/16
Keeler	Diamond	4-1/4	x 5-1/4	3/8
	Round	4-1/4		3/8
	Obround	3	x 4	3/8
Murray	Obround	3-5/8	x 4-9/16	3/8
	Obround	3-5/8	x 4-9/16	7/16
	Obround	4-1/32	x 4-29/32	3/8
Oil Field	Obround	2-1/2	x 3-1/2	3/8
	Oval	3	x 4	3/8
	Oval	3-1/2	x 4-1/2	3/8
	Oval	4-1/16	x 5-1/16	7/16
Orr & Sembower	Oval	2-23/32	x 3-21/32	3/8
	Oval	3-13/32	x 4-13/32	3/8
Pacific	Round	1-1/2		1/2
	Round	2		1/2
	Round	2-1/2		1/2

Identification	Shape	Nominal Inside Dimensions (Inches)		Flange Width (Inches)
Page Larrabee Junior Page P-B Drum Consol	Oval	2-27/32	x 3-29/32	3/8
	Oval	3-1/8	x 4-1/8	3/8
	Oval	3-1/8	x 4-1/4	3/8
	Oval	3-5/16	x 4-5/16	3/8
	Oval	3-25/32	x 5-13/32	5/8
	Round	2-3/16		3/8
Riley Stoker W-C22 W-C2 W-C16 W-C6 W-C9 W-C12	Oval	3-17/32	x 4-17/32	5/16
	Obround	3-23/32	x 5-23/32	11/32
	Round	1-31/32		3/8
	Round	3-9/32		5/16
	Square	4	x 4	11/32
	Square	5-1/2	x 5-1/2	3/8
	Square	5-1/2	x 5-1/2	3/8
Springfield	Oval	3-17/32	x 4-17/32	5/16
	Oval	4-1/16	x 5-1/16	3/8
	Square	5-1/2	x 5-1/2	3/8
	Square	7-3/8	x 7-3/8	5/8
Superheater	Obround	2-21/32	x 3-9/32	15/64
	Obround	3-3/32	x 4-3/32	1/4
	Obround	3-11/32	x 3-23/32	3/16
	Obround	3-3/8	x 3-7/8	1/4
	Round	15/16		3/16
	Round	3-3/32		1/4
Union 3-1/4"	Pear	3-7/16	x 4-7/16	3/8
	Pear	3-1/2	x 4-1/2	3/8
	Pear	4-1/4	x 5-1/4	3/8
	Pear	*4-1/4	x 5-1/4	3/8
	Oval	3-1/2	x 4-1/2	3/8
	Oval	3	x 4	3/8
Vogt 3-1/2"	Oval	3	x 4	5/16
	Oval	3-3/8	x 4-1/4	7/32
	Oval	3-1/2	x 4-1/2	5/16
	Oval	3-3/4	x 5	3/8
	Oval	4	x 5	5/16
	Oval	4	x 6	3/8
	Oval	5-1/4	x 5-1/8	7/32 (new)
	Oval	4-1/4	x 5-1/8	5/16 (old)
	Oval	4-9/32	x 5-5/32	7/32
	Round	3-19/32		3/8
	Round	3-5/8		3/8
	Round	4-1/8		3/8
Ward	Square	4-7/8	x 4-7/8	1/4
Wickes D2300 D2361 D2724	Pear	4-1/8	x 5-1/8	9/32
	Pear	4-1/4	x 5-1/8	3/8
	Oval	3	x 4	5/16
	Oval	3-1/2	x 4-1/2	5/16
	Oval	4	x 5	5/16
	Oval	4	x 6	5/16
	Round	4-1/8		3/8
	Round	4-1/4		3/8

*.285" Thick.

NOTE: When ordering gaskets specify operating pressure and temperature and type of metal desired.

STYLE LW FLEXSEAL GASKETS



LOOP CENTERING GUIDE TYPE

The SEPCO style LW gasket, incorporates an integral centering guide, to assure fast accurate centering of the gasket on the flange. These gaskets can be utilized with ease on raised face, flat face and van stone or lap joint flanges.

Style LW gaskets are constructed of 304 stainless steel continuous strip with a Canadian asbestos filler between plies. The nominal thickness for all sizes is .175".

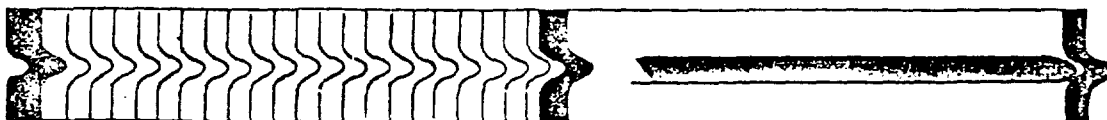
Standard gaskets are designed and manufactured to meet all standard flange specifications.

NOTE.

1. This gasket type must be used on a flange with an equal number of bolts.
2. For gasket materials available and general selection information see Page 9.

STYLE LW FOR RAISED FACE, PLAIN FACE
VAN STONE AND LAP JOINT

Nominal Pipe Size (Inches)	SEPCO Gasket Dimensions	
	150-300-400-600 PSI I D. (Inches)	O D. (Inches)
1/4	1/2	7/8
1/2	3/4	1 1/4
3/4	1	1 9/16
1	1 1/4	1 7/8
1 1/4	1 11/16	2 3/8
1 1/2	2	2 3/4
2	2 9/16	3 3/8
2 1/2	3 1/16	3 7/8
3	3 3/4	4 3/4
3 1/2	4 1/8	5 1/4
4	4 3/4	5 7/8
4 1/2	5 5/16	6 1/2
5	5 13/16	7
6	6 7/8	8 1/4
8	8 7/8	10 3/8
10	10 13/16	12 1/2
12	12 7/8	14 3/4
14	14 1/4	16
16	16 1/4	18 1/4
18	18 1/2	20 3/4
20	20 1/2	22 3/4
24	24 3/4	27



SEPCO FLEXSEAL SPIRAL WOUND GASKETS

GASKETS OF ANY SHAPE, SIZE AND MATERIAL CAN BE FABRICATED TO CUSTOMER SPECIFICATIONS FROM 1/2" to 144" I.D.

MATERIALS AVAILABLE

FILLERS: The standard filler used between the plies of the metallic strip is Canadian asbestos, Ceramic, T.F.E., Flexible Graphite and Glass filled T.F.E.

METALS: Standard metals include type 304 stainless steel. Other metals available for special applications include: special alloys: Carpenter 20, Copper, Hastelloy B, Hastelloy C, Inconel, Inconel X, Monel, Nickel, Phosphor Bronze, Titanium A-55 and Stainless Steel types 309SCB, 310, 316L, 321, 347 and 430.

CONSTRUCTION:

General: The SEPCO FLEXSEAL gaskets are constructed of a continuous strip of preformed metal spirally wound from the inside to the outside with a suitable cushion filler inserted between each ply.

Special: Various accessories to the standard gasket are available to satisfy particular conditions. Specifically, carbon steel gauge rings and centering guides to facilitate accurate and positive centering on the flange. In addition, the gauge ring increases the radial strength of the assembly. Various configurations other than circular are available to satisfy boiler handhole, manhole and tubecap assemblies.

SELECTION:

Pipe Flange Applications: Available in the following basic designs: Styles RW, LMF, LTG, STG and LW. Each design is described in preceding sections. The application, including flange type, operating temperature and pressure and media to be confined will determine the proper style selection.

Standard gaskets are available for all standard flanged fittings up to 24" and 2500 psig.

Inquiries should contain the following information:

- (1) Pipe size
- (2) Type of flange or joint
- (3) Operating conditions
 - (a) Temperature
 - (b) Pressure
 - (c) Media
- (4) SEPCO gasket style

Boiler Manhole Cover: Available as style MC and MCR. The MCR assembly is furnished with a spiral wound centering ring.

When seating surfaces are in satisfactory condition, gasket thickness of .175" should be specified.

For pitted or rough surfaces, gaskets with a .250" thickness should be specified.

Specials:

Non-standard gaskets required for special service and application conditions can be designed and supplied upon receipt of complete specifications outlining all operating and service information.

Also available are gaskets manufactured to military specifications MIL-G-16265, MIL-G-21032 and MIL-G-15342.

Gaskets may be color coded upon request.

CODE

RW _____ RING WITH
WINDING

RW
REFILLS

_____ REFILLS FOR USE
WITH GAUGE RINGS

RWI _____ RING WITH WINDING
WITH INNER
RING

WI _____ WINDING WITH
INNER RING

RW-RJ _____ RING WITH WINDING
FOR RING JOINT
FLANGE

LW _____ WINDING WITH
LOOPS

SW _____ SPIRALWOUND
LMF _____ LARGE MALE AND
FEMALE

LT _____ LARGE TONGUE
GROOVE

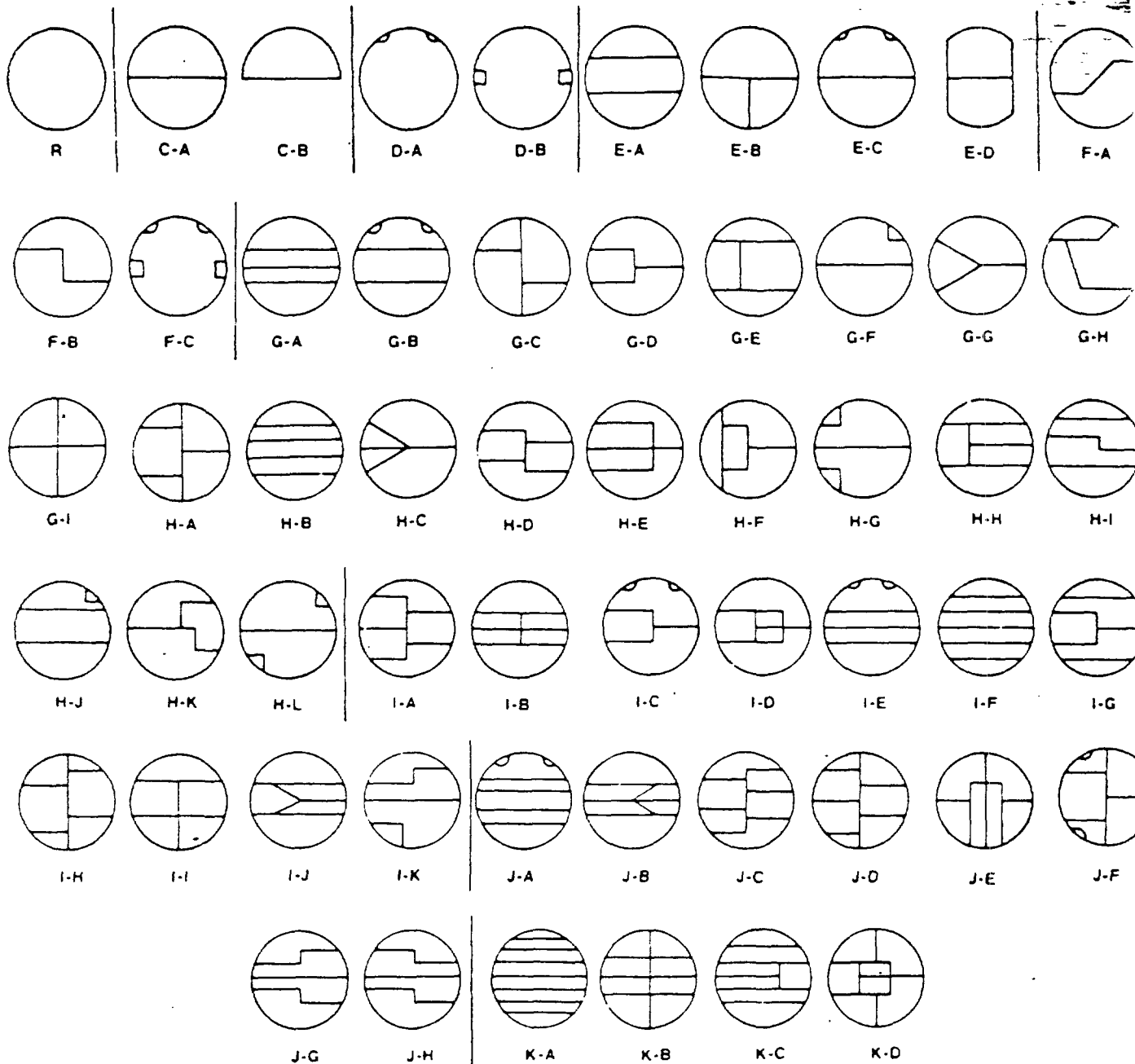
ST _____ SMALL TONGUE
GROOVE

MC _____ MANHOLE COVER
MCR _____ MANHOLE COVER
WITH RING

HH _____ TUBE CAP OR
HANDHOLE

SWR _____ SPIRALWOUND
WITH RIB

SEPCO STANDARD SHAPE-EXCHANGER GASKETS

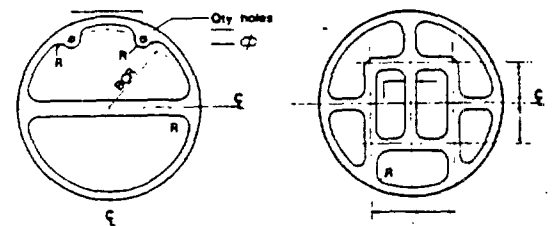


THESE GASKETS CAN BE FABRICATED
FROM ANY COMBINATION OF METALLIC
AND NON- METALLIC MATERIALS.

INFORMATION NEEDED TO FILL AN ORDER:

- ☐ Outside Diameter, ☐ Inside Diameter
- ☐ Shape per Standard Shapes Index
- ☐ SEPCO style number ☐ Thickness
- ☐ Materials (metal or metal and filler)
- ☐ Rib Width ☐ Distance from centerline of gasket to centerline of ribs ☐ Radii

EXAMPLES



SEPCO GASKET STYLE CHART-600 SERIES



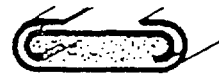
Double Jacketed
Asbestos Filled **623**



Double Jacketed
Corrugated Asbestos Filled **626**



Double Jacketed
Corrugated With
Corrugated Metal Filler **629**



Double Shell
Asbestos Filled **627**



Double Jacketed Profile **645**



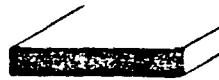
Corrugated Solid Metal **600**



Corrugated Solid Metal
With Asbestos Inlay **605**



Corrugated Metal Covered
With Woven Asbestos
Cloth **604**



Solid Metal **640**



Solid Profile **641**



Single Jacketed
Asbestos Filled **620**



Single Jacketed Overlap **624**



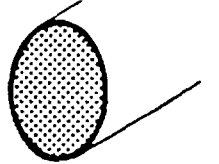
Single Jacketed Profile **644**



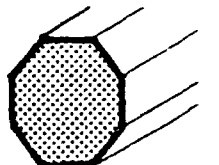
Single Jacketed With
Corrugated Filler **602**



2 Piece French Type **631**

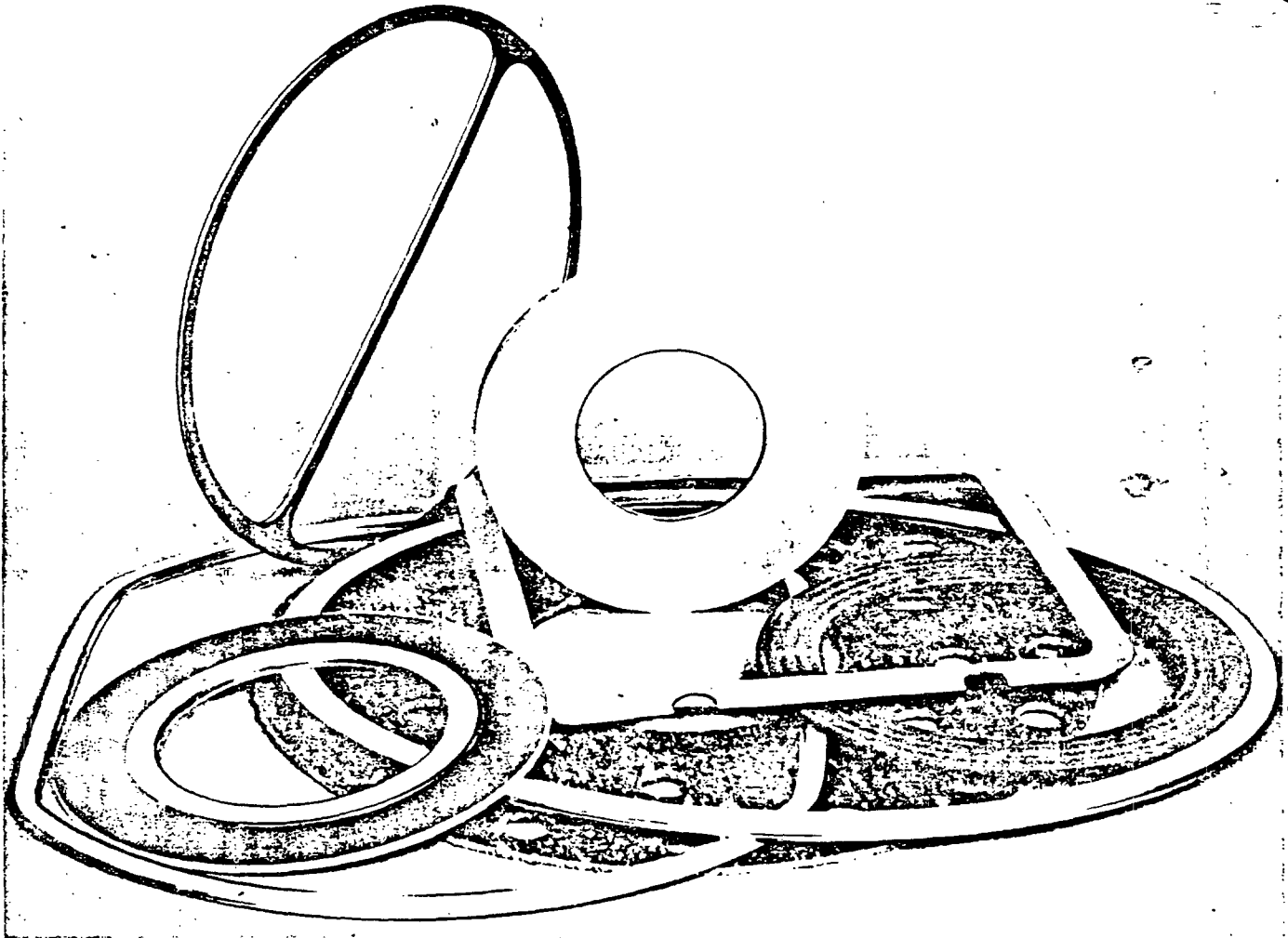


API-Ring Joint Gasket
(Oval) **650**



API-Ring Joint Gasket
(Octagonal) **651**

SEPCO GASKETS



SEPCO Metallic Gasket Company also manufactures non-metallic gaskets — call your local distributor.

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Garlock

CAUTION:

**CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST.
BREATHING ASBESTOS DUST MAY
CAUSE SERIOUS BODILY HARM.**

Garlock

Garlock

HH-P-46

CLASS 1

900/7735

Garlock

Garlock

HH-P-46

CLASS 1

900/7735

Garlock

Garlock

**HHP-46
CLASS 1
900/7735**

100 PCS



1098



FLEXSEAL

SPIRAL WOUND GASKETS

QUANTITY 25
STYLE SW
I. D. 7/8 x 1 1/8
PRESSURE RATING 1500
METAL 304
FILLER ash
THICKNESS .125



FLEXSEAL

SPIRAL WOUND GASKETS

QUANTITY 25
STYLE SW
I. D. 7/8 x 1 1/8
PRESSURE RATING 1500 #
METAL 304
FILLER ash
THICKNESS .125



FLEXSEAL

SPIRAL WOUND GASKETS

QUANTITY 25
STYLE SW
I. D. 7/8 x 1 1/8
PRESSURE RATING 1500
METAL 304
FILLER ash
THICKNESS .125



BPA NO0123-81-A0241 T155
0322-6003
25pc SW 1 7/8 x 2 3/8 x 1/8

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(213) 530-2593



FLEXSEAL

SPIRAL WOUND GASKETS

QUANTITY 25
STYLE SW
I. D. 7/8 x 1 1/8
PRESSURE RATING 1500 #
METAL 304
FILLER ash
THICKNESS .125

367



FLEXSEAL

SPIRAL WOUND GASKETS

QUANTITY 25
 STYLE SW
 I. D. 1 7/8 O. D. 2 3/8
 PRESSURE RATING 1500
 METAL 304
 FILLER ASB
 THICKNESS 125

367



FLEXSEAL

SPIRAL WOUND GASKETS

QUANTITY 25
 STYLE SW
 I. D. 1 7/8 O. D. 2 3/8
 PRESSURE RATING 1500
 METAL 304
 FILLER ASB
 THICKNESS 125

100 pcs



FLEXSEAL

SPIRAL WOUND GASKETS

QUANTITY 25
 STYLE SW
 I. D. 1 7/8 O. D. 2 3/8
 PRESSURE RATING 1500
 METAL 304
 FILLER ASB
 THICKNESS 125



0203



FLEXSEAL

SPIRAL WOUND GASKETS

QUANTITY 24
 STYLE SW
 I. D. 4 5/8 O. D. 5 9/16
 PRESSURE RATING 1500
 METAL 304
 FILLER ASB
 THICKNESS 175



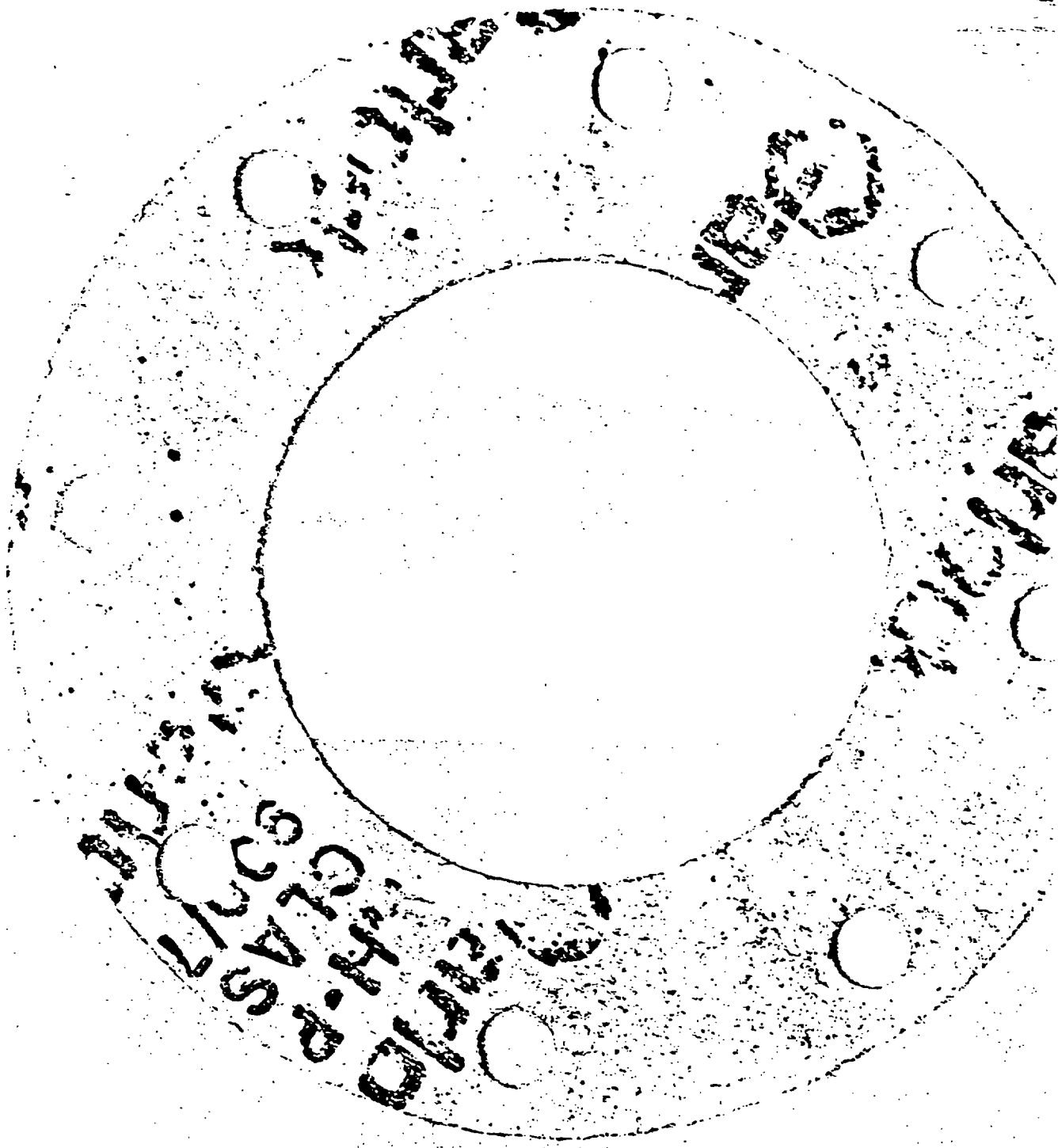
02



FLEXSEAL

SPIRAL WOUND GASKETS

QUANTITY 24
 STYLE SW
 I. D. 5 3/8 O. D. 6
 PRESSURE RATING 1500
 METAL 304
 FILLER ASB
 THICKNESS 175



35

Garloc

Garloc

Carlton

Carluck