#### SPIRAL WOUND GASKETS FOR BOILER CAP AND MANHOLE **COVER ASSEMBLIES**

Gaskets for boiler handhole, tubecap and manhole covers incorporating the unique Flexitallic Spiral Wound profile and specially manufactured with Flexicarb® filler, are ideal for corrosive, high pressure or temperature duties. Flexitallic's anticipation of developments in modern steam generating and engineering equipment and ability to design to specific requirements are the guarantee of the perfect seal at minimum maintenance cost with consistently high standards of performance.

- High safety factor related to specific operating conditions
- Compression loadings proportional to safe stresses of cover assemblies
- · Resilient under concentrated and fluctuating loads
- · Prolonged trouble-free service
- · Reduced seat cleaning time



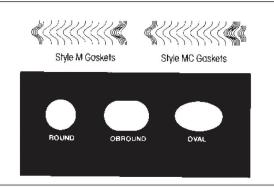
# Style M & MC & MCS Spiral Wound Gaskets for Boiler Manhole Cover

Assemblies

The Flexitallic manhole gasket spiral constructions incorporate modified compression values to provide seating loads within the normal range of cover assemblies.

#### Size/Range Specification

Available in circular, obround, and oval shapes to suit standard manhole plate configurations.





# Style T

Spiral Wound Gaskets for Boiler Handhole and **Tubecap Assemblies** 

The design features of the basic Flexitallic spiral wound construction alleviate the need for sealing compound. Particularly suitable where old and pitted faces have

rendered other gaskets ineffective.

### Size/Range Specification

Available in several standard shapes:-

Supplied in thicknesses of 3.2mm (0.125in.) or 4.5mm (0.175 in.). The standard thickness of 4.5mm (0.175in.) is recommended for use in assemblies where the seat is relatively broad and bolting load is



Basic spiral construction of Style T Gaskets





Style T Pear

### **Materials**

Standard materials are Type 304 Stainless Steel and Flexicarb windings. Special materials to suit specific operating conditions are available.

#### To Order

With all orders or inquiries please submit follow-

- a) Name of boiler or equipment manufacturer
- b) Gasket style
- c) Dimensions of gasket
- d) Gasket thickness
- e) Flange width of gasket
- f) Pressure service rating
- g) Gasket material preference

#### STYLES M & MC FOR MANHOLE COVER ASSEMBLIES

TABLE 26

STYLE		NOMINAL I.D. DIMENSIONS (inches)	THICKNESS (inches)	FLANGE WIDTH (inches)	
M-O	val	10 x 15	.250	15/16	
M-O	vai	10 x 16	.250	15/16	
M-O	val	11 x 15	.250	15/16	
MC-C	val	11 x 15	.250	13/16	
M-Oval		11 x 15	.175	3/4	
M-O	0.773	11 x 15	.175	15/16	
M-O		11 x 15	.175	1/2	
M-O		11 x 15	.175	1-1/4	
M-O	val	11 x 15	.250	1-1/4	
M-Obr		11-1/16 x 14-7/8	.250	15/16	
M-Obr	ound	11-7/16 x 15-1/16	.250	15/16	
M-O	val	12 x 16	.250	15/16	
MC-C	oval	12 x 16	.250	13/16	
MO	/al	12 x 16	.175	1/2	
M-O	val	12 x 16	.175	3/4	
M-Oval		12 x 16	.175	15/16	
M-Oval		12 x 16	.175	1-1/4	
M-Oval		12 x 16	.250	1-1/4	
M-Obr	ELECT REAL	12 x 16	.250	15/16	
M-Obr	aund	12 x 16	.250	1-1/4	
MC-C	oval	12-1/8 x 16-1/8	.250	13/16	
M-Obr	X1901 130	14 x 16	.175	3/4	
M-Ro		14	.175	3/4	
M-Ro	und	16-1/16	.175	3/4	

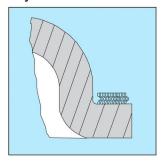
NOTE: When ordering gaskets specify operating pressure and temperature and type of steel desired.

## FLEXITALLIC STYLE MCS SPIRAL WOUND GASKETS

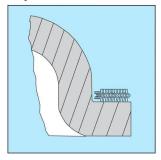
In keeping with our tradition of taking a leadership role in the gasket industry we are pleased to introduce the Flexitallic style MCS spiral wound gasket for use on boiler manhole cover assemblies. The style MCS gasket is an exclusive Flexitallic design, consisting of a Flexitallic spiral wound gasket with an integral solid metal inner ring. The spiral wound sealing element provides resilience, strength, blowout resistance and superior sealability. The solid metal ring prevents over-compression of the gasket, which is especially important on high pressure boilers. In addition, the rings provide stability and facilitate proper positioning of the gasket on the cover which prevents pinching, shouldering, and other gasket damage resulting from misalignment, irregular plate contours and fillets.

Flexitallic style MCS spiral wound gaskets are available in a wide range of materials for standard, as well as special design manhole cover assemblies, in pressure classes of 0-499 psi, 0-999 psi, and 1000 psi and higher. For additional information on Flexitallic style MCS spiral wound gaskets, contact the Flexitallic plant nearest you.

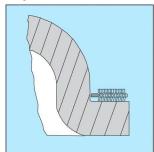
Style M



Style MC



Style MCS



# STYLE T FOR BOILER HANDHOLE AND TUBECAP ASSEMBLIES 0-499 lbs, 0-999 lbs, 1000 lbs and above. Specify operating temperature, pressure and type of steel.

TABLE 27

			NOMINAL	FLANGE			NOMINAL	FLANGE
	IDENTIFICATION	SHAPE	I.D.	WIDTH	IDENTIFICATION	SHAPE	I.D.	WIDTH
			(inches)	(inches)			(inches)	(inches)
Ì	American Engineering	Obround	3-5/16 x 3-11/16	3/16	Foster Wheeler (con't.)	Round	3-1/8 or 3-1/16	3/8
ļ		Round	3-5/16	3/16		Round	4-1/8 or 4-1/16	3/8
	Babcock and Wilcox					Rect.	4-15/16 x 5-3/16	7/32
	No.41 No.40	Obround Diamond	2-9/64 x 2-33/64 3-3/8 x 3-3/4	5/32 3/16	Geary 31/2"	Obround	3-13/16 x 4-5/8	3/8
	No.48	Oval	3-13/16 x 4-3/4	7/32	4"	Obround	4-1/4 x 5-1/4	7/16
	No.79	Obround	4-5/32 x 4-25/32	1/4	4" (.285" Thick)	Obround	4-1/4 x 5 1/4	7/16
	No.24	Oval	4-1/2 x 5-1/2	7/32	Heine	Obround	3-5/8 x 4-5/8	3/8
	No.76 2" Econ.	Oval Round	5-1/32 x 5-31/32 1-5/8	1/4 1/4		Round	3-5/8	3/8
	No.47	Round	2-1/32	3/16	International	Oval	2-19/32 x 3-19/32	7/16
	No.32	Round	3	1/4	Keeler	Diamond	4-1/4 x 5-1/4	3/8
	No.70	Round	3-9/32	3/16		Round Obround	4-1/4 3 x 4	3/8 3/8
	No.89 No.92	Round Round	3-7/16 4-1/32	5/32 1/4	Murray	Obround	3-5/8 x 4-9/16	3/8
	No.28	Rect.	4-13/16 x 5	7/32	wuray	Obround	3-5/8 x 4-9/16	7/16
ł	Badenhausen					Obround	4-1/32 X 4-29/32	3/8
	(See Riley Stoker)				Oil Field	Obround	2-1/2 x 3-1/2	3/8
	Bros					Oval	3 x 4	3/8 3/8
	HB-5 and HB-10	Round	2-1/4	1/4		Oval Oval	3-1/2 x 4-1/2 4-1/16 x 5-1/16	7/16
	HB-6 and HB-11 HB-12	Round Round	3-3/8 4-1/4	1/4 1/4	Orr & Sembower	Oval	2-23/32 x 3-21/32	3/8
	HB-8 and HB-13	Obround	3-3/8 x 4-1/4	1/4	On a dembower	Oval	3-13/32 x 4-13/32	3/8
	HB-14	Obround	4-1/4 x 5	1/4	Pacific	Round	1-1/2	1/2
-	Bucyrus-Erie					Round	2	1/2
	Q227	Obround	3 x 4-1/2	3/8		Round	2-1/2	1/2
	0260 0208	Oval Round	4 x 6 2-1/2	7/16 1/4	Page	Overl	0.07/00 0.00/00	2/0
ł					Larrabee Junior	Oval Oval	2-27/32 x 3-29/32 3-1/8 x 4-1/8	3/8 3/8
-	Casey-Hedges	Obround	4-1/4 x 5-1/8	3/8	Page	Oval	3-1/8 x 4-1/4	3/8
	Cleaver-Brooks	Obround Obround	2-27/32 x 3-19/32 3-9/32 x 4-17/32	5/16 3/8	P-B	Oval	3-5/16 x 4-5/16	3/8
		Obround	4 x 6	3/8	Drum	Oval	3-25/32 x 5-13/32	5/8
ł	Combustion Engineering				Consol	Round	2-3/16	3/8
	24N-L1206	Diamond	3 x 3-7/8	1/4	Riley Stoker W-C22	Oval	3-17/32 x 4-17/32	5/16
	29N-L839	Diamond	3-3/8 x 4-1/4	1/4	W-C2	Obround	3-23/32 x 5-23/32	11/32
	30N-L866	Diamond	3-5/8 x 4-1/2	1/4 1/4	W-C16	Round	1-31/32	3/8
	33N-L1205 31N-L579	Diamond Diamond	3-3/4 x 4-5/8 4-1/4 x 5-1/8	1/4	W-C6	Round	3-9/32	5/16
	21N-L1291	Obround	2-1/8 x 2-1/2	5/32	W-C9	Square Square	4 x 4 5-1/2 x 5-1/2	11/32 3/8
	22N	Oval	2-1/8 x 2-5/8	7/32	Springfield	Oval	3-17/32 x 4-17/32	5/16
	23N	Obround	2-25/32 x 3-13/32	7/32	Opringiloid	Oval	4-1/16 x 5-1/16	3/8
	25N-L1 278 27N	Obround Diamond	3-1/8 x 4-1/8 3-3/8 x 3-3/4	3/16 3/16		Square	5-1/2 x 5-1/2	3/8
	28N-L1277	Obround	3-3/8 x 3-7/8	3/16		Square	7-3/8 x 7-3/8	5/8
	32N	Oval	4-1/2 x 5-1/2	7/32	Superheater	Obround	2-21/32 x 3-9/32	15/64 1/4
	1N-L1272	Round	1-1/2	3/16		Obround Obround	3-3/32 x 4-3/32 3-11/32 x 3-23/32	3/16
	7N-L1131 3N-L1274	Round Round	1-3/4 2-5/8	3/16 7/32		Obround	3-3/8 x 3-3/8	1/4
	4N-L740	Round	3-1/8	1/4		Round	15/16	3/16
	L741	Round	3-3/8	1/4		Round	3-3/32	1/4
	5N-L902	Round	3-5/8	1/4	Union 3 1/4"	Pear	3-7/16 x 4-7/16	3/8
	5N-L744 51N	Round Rect.	4-1/8	1/4	3 1/4	Pear Pear	3-7/16 x 4-7/16 3-1/2 x 4-1/2	3/8
	51N 52N-L1117	Rect.	4-13/16 x 5 4-7/8 x 5-3/16	7/32 7/32		Pear	4-1/4 x 5-1/4	3/8
	PB9474	Obround	4-1/8 x 4-7/8	3/16	(.285" Thick)	Pear	4-1/4 x 5-1/4	3/8
	PB9474	Round	3-1/2	3/16		Oval Oval	3-1/2 x 4-1/2 3 x 4	3/8 3/8
	Connelly	Obround	3 x 3-15/16	3/8	Vogt	Oval	3 x 4	5/16
	Edge Moor	Oval	4-1/8 x 5-1/4	3/8	. 591	Oval	3-3/8 x 4-1/4	7/32
		Round Round	2-1/2 4-1/16	1/2 15/32		Oval	3-1/4 x 4-1/2	5/16
ł	Erie City	Pear	3-1/2 x 4-5/8	3/8		Oval Oval	3-3/4 x 5 4 x 5	3/8 5/16
	Life Oily	Obround	3 × 4-1/2	3/8		Oval	4 x 6	3/8
		Oval	3-1/32 x 4-1/32	5/16		Oval	4-1/4 x 5-1/8	7/32 (new)
		Oval	3-17/32 x 4-17/32	5/16		Oval	4-1/4 x 5-1/8	5/16 (old)
		Oval Oval	4-1/32 x 5-1/32 4-1/32 x 6-1/32	5/16 3/8	31/2"	Oval Round	4-9/32 X 5-5/32 3-19/32	7/32 3/8
		Round	3-1/2	3/8		Round	4-1/8	3/8
	Foster Wheeler	Diamond	4 x 5	3/8	Ward	Square	4-7/8 x 4-7/8	1/4 9/32
	23/4"	Obround	2-25/32 x 3-13/32	7/32	Wickes	Pear Pear	4-1/8 x 5-1/8 4-1/4 x 5-1/8	3/8
	315/16"	Obround Obround	3 x 4	3/8	D2300	Oval	3 x 4	5/16
	315/16"	Obround	3-11/32 x 3-31/32 4-3/16 x 5-3/16	7/32 5/16	D2301	Oval	3-1/2 x 4-1/2	5/16
		Round	15/16	5/32	D2361 D2724	Oval Oval	4 x 5 4 x 6	5/16 5/16
		Round	2-1/32	13/64	JEILT	Round	4-1/8	3/8
		Round	2-1/32	15/64		Round	4-1/4	3/8
Į		Round	2-1/8 or 2-1/16	3/8				

**CALL** 832-445-0000

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Flexseal Industrial is a full line gasket and o-ring distributor. We provide a broad range of products including but not limited to Flexitallic spiral wound gaskets, die cut gaskets, sheet material, Flexpro (kammprofile) gaskets, RTJ's and o-ring seals.

We offer superior customer service and are committed to meeting the needs of all your industrial sealing applications.

