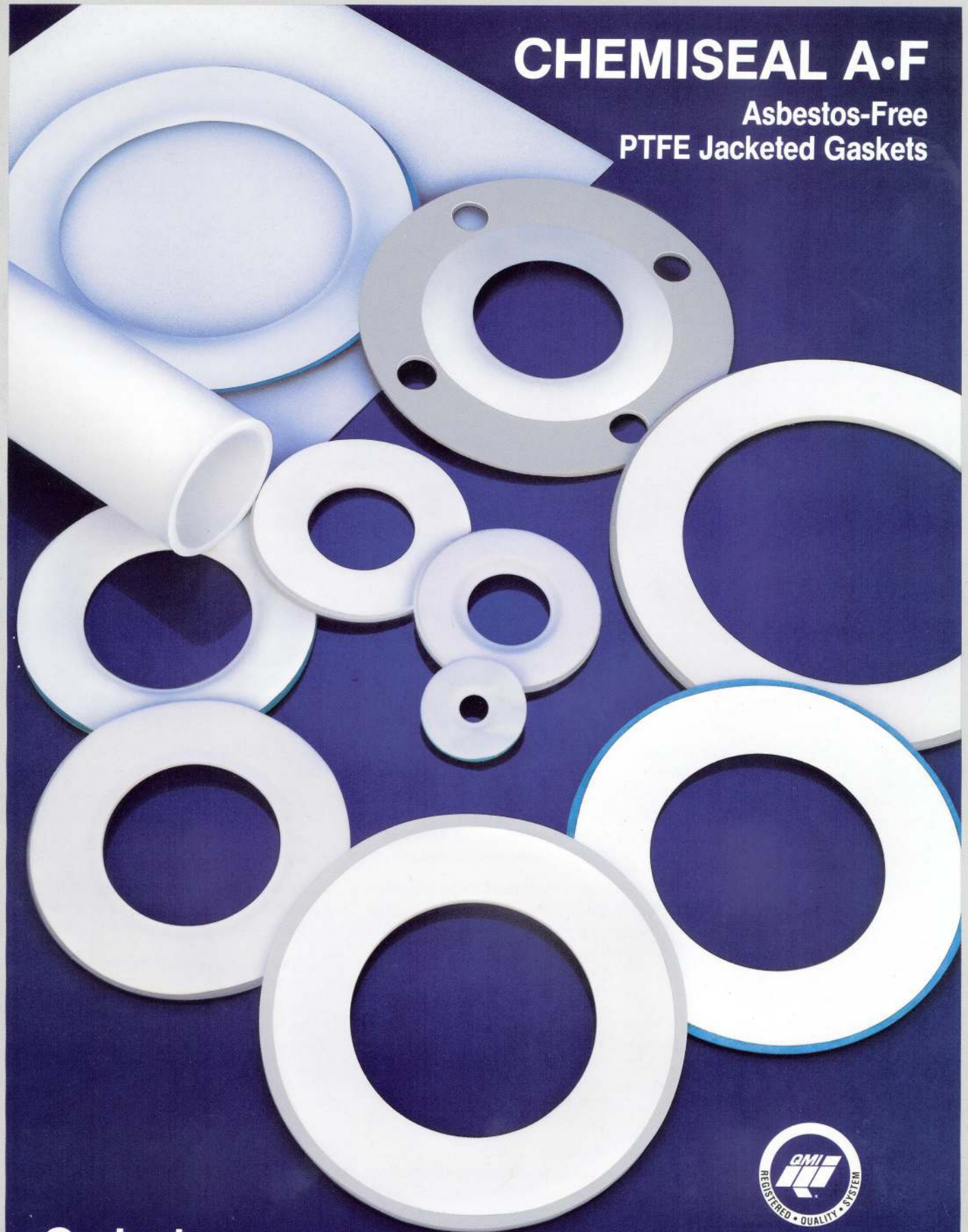


CHEMISEAL A•F

Asbestos-Free
PTFE Jacketed Gaskets



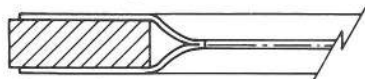
Garlock
Valves and Industrial Plastics



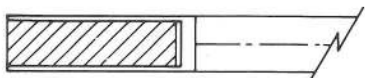
ISO 9002-94
Cert. #001186

Garlock CHEMISEAL® A•F Asbestos-Free PTFE Jacketed Gaskets

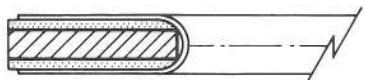
jacket designs



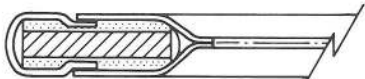
slit envelope



milled envelope

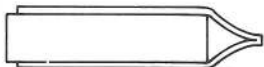


formed shield

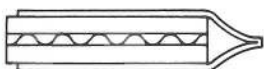


double jacket

filler configurations



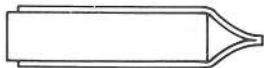
style 6300—
A•F Asbestos-free filler



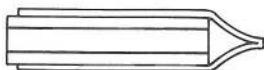
style 6302—
corrugated stainless steel core



style 6303—
CRS Adapter steel core



style 6305—
BLUE-GARD asbestos-free filler



style 6326—
BLUE-GARD asbestos-free core

Garlock Inc, Valves & Industrial Plastics, has extended its leadership in the development and manufacture of corrosion-resistant jacketed gaskets with the introduction of an all new line of CHEMISEAL A•F Asbestos-Free PTFE* Jacketed Gaskets. These new gaskets represent a major breakthrough for the chemical, pharmaceutical, food and other processing industries by providing the advantages and performance capabilities of asbestos in an asbestos-free gasket.

These new CHEMISEAL A•F Asbestos-Free Jacketed Gaskets feature our famed PTFE envelope or jacket with a proprietary filler material which completely eliminates the need for asbestos. These gaskets provide positive, trouble-free sealing in most processing applications ranging from mildly to severely corrosive. In fact, **these superior gaskets can be used in virtually every application in which asbestos-filled jacketed gaskets are currently employed.**

To meet all application needs, CHEMISEAL A•F Jacketed Gaskets are offered in Garlock's typically broad range of standard and special sizes and configurations. They are ideal for use in equipment employing glass-lined, standard steel and alloy flanges; ceramic, plastic and other flanges; and conical end glass pipe.

MAXIMUM CORROSION RESISTANCE

Optimum protection against corrosive attack by fluids within the pipe or vessel is assured by the jacket or envelope of FDA-approved virgin PTFE material. In addition, the new filler material offers outstanding chemical inertness, making it fully resistant to exterior attack by corrosive or aggressive atmospheres.

WIDE RANGE OF STYLES AND SIZES

Slit Envelope Jackets - These jackets are essentially ring gaskets with 0.020" thick leaves slit from the O.D. to about 3/64" from the I.D. The I.D. of the jacket extends and nests within the bolt circle. The jacket I.D. is the nominal I.D. of the pipe. The bearing surface is determined by the filler dimensions as the jacket requires clearance between the filler I.D. and the jacket O.D. These Garlock slit envelope jackets are the most widely used gasket type in sizes from 1" to 12" O.D.

Milled Envelope Gaskets - Made from PTFE cylinder stock, Garlock milled envelope jackets are machined from their O.D. to within 3/64" of the I.D.

leaving a shield of approximately 0.020" top and bottom. The flat I.D. of the jacket fits flush with the pipe I.D. while the jacket O.D. nests within the bolt circle. Milled envelope jackets are available in standard sizes to 12".

Formed Shield Jackets - This design is required for diameters of 12" or more and for irregular configurations, such as tank heads and manholes. A variety of elliptical or other irregular configurations is available. These formed shield jackets feature Garlock's patented butt weld construction which eliminates any "lump" at the seam and assures uniform bolting around the entire flange surface for a leaktight seal. In addition, far less bolt loading is required for positive sealing than with lap joint construction.

Double Jacket Design - For vacuum service, double-jacketed gaskets are recommended. This design completely covers the filler material with two overlapping PTFE jackets for optimum protection from corrosive attack.

CHOICE OF FILLER CONFIGURATIONS

Garlock 6300 Filler — A•F material alone, 1/16" or 1/8" thick for maximum softness and formability, and low compressive bolt loading.

Garlock 6302 Filler — corrosion-resistant, corrugated stainless steel between two 1/8" thick layers of A•F filler for pressures above 300 psi.

Garlock 6303 Filler — steel core with 1/8" thick A•F filler on each side.

Garlock 6305 Filler — same configurations as 6300, using Garlock's proprietary BLUE-GARD® Asbestos-Free material in place of A•F material.

Garlock 6326 Filler — 1/8" thick BLUE-GARD asbestos-free filler between two 1/16" layers of A•F material.

GARLOCK ... FOR EVERY GASKET NEED

Regardless of your corrosion-resistant gasketing requirements, there's a CHEMISEAL A•F Asbestos-Free PTFE Jacketed Gasket to meet your needs with full assurance of positive sealing and safety. If you've been looking for a way to get the asbestos out of your process piping systems, now you have it: CHEMISEAL A•F Asbestos-Free Jacketed Gaskets.

*Polytetrafluoroethylene

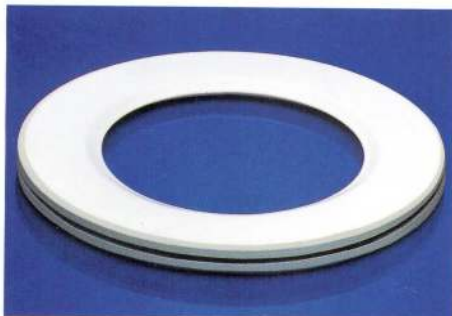
PTFE Envelope Gaskets

for ANSI Flanges
or Process Equipment
with Equal Bolting

**Style 6300—
for 125 and 150 psi**

**Style 6302—
for 300 psi**

These Style 8764 PTFE envelope gaskets provide a choice of inert type and either slit or milled construction.

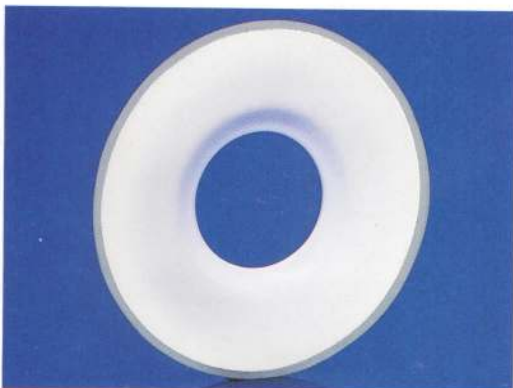


Nominal Pipe Size (inches)	Gasket Size ID x OD (inches)	Type of Envelope	Style 6300 Asbestos-Free Filler*		Style 6302 Corrugated Stainless Steel with 1/16" A-F Filler on each side	Style 6302 Corrugated Stainless Steel with 1/16" A-F Filler on each side
			1/16" thick	1/8" thick	3/16" thick	1/16" thick
1/2	1/2 x 1 1/8	Slit Milled	63125-0001 63225-0001	63125-1001 63225-1001	63127-2001 63227-2001	63127-6001 63227-6001
3/4	3/4 x 2 1/4	Slit Milled	63125-0002 63225-0002	63125-1002 63225-1002	63127-2002 63227-2002	63127-6002 63227-6002
1	1 x 2 5/8	Slit Milled	63125-0003 63225-0003	63125-1003 63225-1003	63127-2003 63227-2003	63127-6003 63227-6003
1 1/4	1 1/4 x 3	Slit Milled	63125-0104 63225-0104	63125-1104 63225-1104	63127-2104 63227-2104	63127-6104 63227-6104
1 1/2	1 1/2 x 3 3/8	Slit Milled	63125-0005 63225-0005	63125-1005 63225-1005	63127-2005 63227-2005	63127-6005 63227-6005
2	2 x 4 1/8	Slit Milled	63125-0106 63225-0106	63125-1106 63225-1106	63127-2106 63227-2106	63127-6106 63227-6106
2 1/2	2 1/2 x 4 7/8	Slit Milled	63125-0107 63225-0107	63125-1107 63225-1107	63127-2107 63227-2107	63127-6107 63227-6107
3	3 x 5 3/8	Slit Milled	63125-0108 63225-0108	63125-1108 63225-1108	63127-2108 63227-2108	63127-6108 63227-6108
3 1/2	3 1/2 x 6 3/8	Slit Milled	63125-0109 63225-0109	63125-1109 63225-1109	63127-2109 63227-2109	63127-6109 63227-6109
4	4 x 6 7/8	Slit Milled	63125-0110 63225-0110	63125-1110 63225-1110	63127-2110 63227-2110	63127-6110 63227-6110
5	5 x 7 3/4	Slit Milled	63125-0011 63225-0011	63125-1011 63225-1011	63127-2011 63227-2011	63127-6011 63227-6011
6	6 x 8 3/4	Slit Milled	63125-0012 63225-0012	63125-1012 63225-1012	63127-2012 63227-2012	63127-6012 63227-6012
8	8 x 11	Slit Milled	63125-0013 63225-0013	63125-1013 63225-1013	63127-2013 63227-2013	63127-6013 63227-6013
10	10 x 13 3/8	Slit Milled	63125-0014 63225-0014	63125-1014 63225-1014	63127-2014 63227-2014	63127-6014 63227-6014
12	12 x 16 1/8	Slit Milled	63125-0115 63225-0115	63125-1115 63225-1115	63127-2115 63227-2115	63127-6115 63227-6115

*Style 6305 also available with Garlock's proprietary BLUE-GARD asbestos-free filler. Consult Garlock for ordering information.

PTFE Envelope Gaskets

for Glass-lined Steel
Nozzles and Vessels



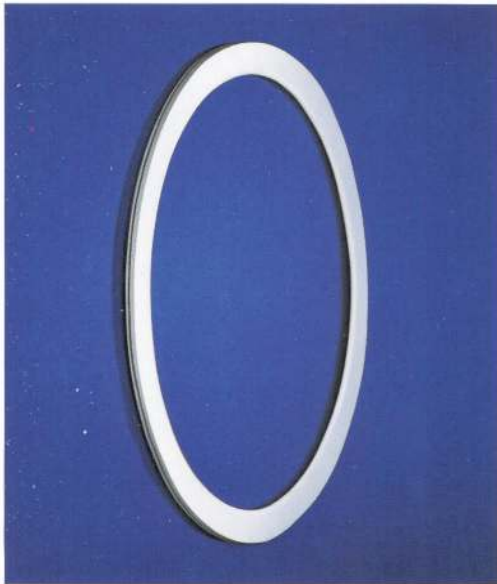
Nominal Pipe Size (inches)	Gasket Size ID x OD x Thickness (inches)	Style 6302 CRT Corrugated Stainless Steel with 1/16" A-F Filler on each side		Style 6326* 1/8" BLUE-GARD Filler with 1/16" A-F Filler on each side
		Skin Packaged	Loose	
1	1 x 2 1/2 x 3/16	63127-5101	63127-5189	63122-5101
1 1/2	1 1/2 x 3 3/8 x 3/16	63127-5102	63127-5197	63122-5102
2	2 x 4 x 5/16	63127-5103	63127-5190	63122-5103
3	3 x 5 3/8 x 5/16	63127-5104	63127-5191	63122-5104
4	4 x 6 1/2 x 5/16	63127-5105	63127-5192	63122-5105
5	5 x 7 1/2 x 5/16	63127-5106	63127-5198	63122-5106
6	6 x 8 1/2 x 5/16	63127-5107	63127-5193	63122-5107
8	8 x 10 1/2 x 5/16	63127-5108	63127-5194	63122-5108
10	10 x 13 5/16	63127-5109	63127-5195	63122-5109
12	12 x 15 x 5/16	63127-5110	63127-5196	63122-5110

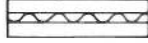
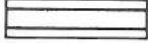
PTFE Formed Shield Jacketed Gaskets

Recommended for Glass-lined Vessels

This is the standard envelope gasket design for diameters over 12". It is especially recommended for use with glass-lined vessels. The most commonly used sizes are shown, other sizes are available.

If a PTFE envelope is desired over the O.D. as well as the I.D., double jacketed gaskets can be furnished. Details and dimensions will be furnished on request.

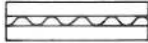
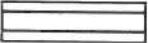


Nominal Size (Inches)	Insert Dimensions (Inches)			Style 6302 Corrugated Stainless Steel with 1/8" A-F Filler on each side	Style 6326 1/8" BLUE-GARD filler with 1/8" A-F filler on each side
	ID	OD	Thk.		
14	14 3/4	17 1/2	5/16	63439-5060	63422-5060
14 1/2	16 1/2	19 1/2	5/16	63439-5040	63422-5040
16	16 1/2	19	5/16	63439-5041	63422-5041
18	18 1/2	21	5/16	63439-5026	63422-5026
20	20 1/2	23	5/16	63439-5042	63422-5042
24	24 1/2	27	5/16	63439-5043	63422-5043
26	26	28 1/2	5/16	63439-5044	63422-5044
30A	30 1/2	33 1/2	5/16	63439-5045	63422-5045
30B	30	33	5/16	63439-5046	63422-5046
32	32 1/2	35 1/8	5/16	63439-5047	63422-5047
36A	36 1/2	39 1/8	5/16	63439-5048	63422-5048
36B	36 1/2	39 1/2	5/16	63439-5049	63422-5049
40A	40	43	5/16	63439-5050	63422-5050
40B	40 3/4	44 1/4	5/16	63439-5051	63422-5051
42	42 1/2	45 1/2	5/16	63439-5052	63422-5052
46	46 1/2	49 1/2	5/16	63439-5053	63422-5053
48	48 3/4	52 3/4	5/16	63439-5054	63422-5054
58	58	61	5/16	63439-5055	63422-5055
60	60 3/4	64 3/4	5/16	63439-5056	63422-5056
66A	67	70 3/4	5/16	63439-5057	63422-5057
66B	67 3/4	72 1/4	5/16	63439-5058	63422-5058
84	85	88 3/4	5/16	63439-5059	63422-5059

PTFE Elliptical Nozzle Gaskets

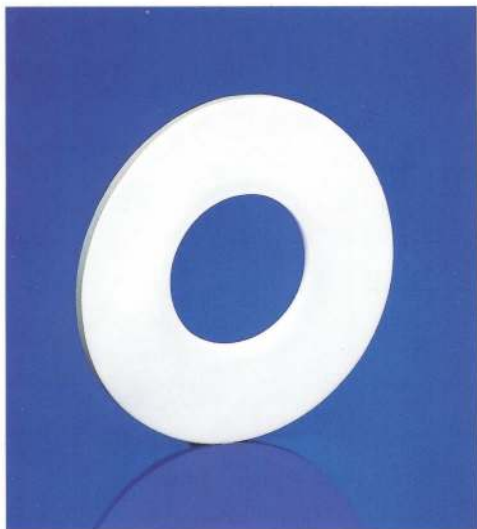
Used for elliptical manholes in glass-lined steel vessels, these Style 8764 PTFE envelope gaskets feature a welded seam construction.



Size (Inches)	Insert Dimensions (Inches)			Style 6302 Corrugated Stainless Steel with 1/8" A-F Filler on each side	Style 6326 1/8" BLUE-GARD Filler with 1/8" A-F Filler on each side
	ID	OD	Thk.		
9 x 12	9 x 12	11 1/4 x 14 1/4	5/16	63639-5053	63622-5053
12 x 16	12 1/2 x 16 1/2	15 1/2 x 19 1/2	5/16	63639-5054	63622-5054
14 x 18	14 1/2 x 18 1/2	17 x 21	5/16	63639-5056	63622-5056
12 x 16	12 1/4 x 16 1/4	16 x 20	5/16	63639-5018	63622-5018
14 x 18	14 1/4 x 18 1/4	18 x 22	5/16	63639-5019	63622-5019

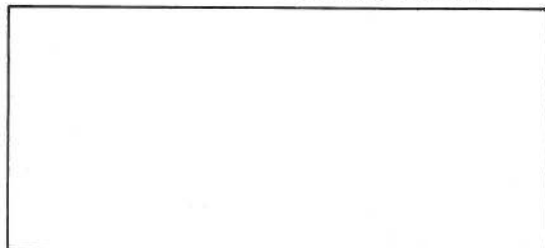
PTFE Envelope CRS Adapters

These adapters comprise a steel core with a 1/8" asbestos-free A•F filler on each side. They are used to join glass-lined steel or equal to conical end glass pipe, Karbate, Haveg, porcelain, etc.



Nominal Size (Inches)	Gasket Size ID x OD (Inches)	Style 6303		
		Plate Thickness (Inches)	Nominal Thickness (Inches)	Ordering Size Code
1	1 ⁵ / ₁₆ x 2 ¹ / ₂	1/8	1/4	63015-0011
1 ¹ / ₂	1 ⁷ / ₁₆ x 3 ³ / ₄	1/8	1/4	63015-0012
2	1 ⁹ / ₁₆ x 4	1/8	1/4	63015-0013
2 ¹ / ₂	2 ⁷ / ₁₆ x 4 ¹ / ₂	1/8	1/4	63015-0014
3	2 ⁹ / ₁₆ x 5 ¹ / ₄	1/8	1/4	63015-0015
4	4 x 6 ¹ / ₂	1/8	1/4	63015-0016
6	6 x 8 ¹ / ₂	1/8	1/4	63015-0017
8	8 x 10 ¹ / ₂	1/8	1/4	63015-0018

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