

MEGA
KONTROL

SPIRAL SARIMLI **CONTALAR**

SWG Spiral Wound Gaskets





¼" ten 24" e kadar, ANSI 150'den ANSI 2500'e PN 6 dan PN 400'e kadar Spiral Sarımlı Contalar

Spiral Wound Gaskets from ¼" to 24", ANSI 150 to ANSI 2500 / PN 6 to PN 400

MEGA Kontrol spiral sarımlı conta, V şekilli Metal şerit ve soft non-metalic dolgudan oluşur. Spiralin içindeki ve dışındaki destek halkaları contanın tutuşunu, takılmasını ve çok yönlülüğünü artırır.

Mükemmel basınç dayanımına bağlı olarak sıcaklık ve basınç değişiminin sık olduğu noktaların yalıtımı için uygundur.

Mega Kontrol spiral wound gasket consists of V-shaped metal strip and soft non-metallic filling. Support rings inside and outside the spiral increase seal retention, fit and versatility. Due to its excellent pressure resistance, it is suitable for the insulation of points where temperature and pressure changes occur frequently.



Başlıca Özellikler

- Çok çeşitli boyut ve şekiller,
- Metal şerit ve dolgu kombinasyonları, özel akışkan ortamına ve çalışma koşullarına uyum,
- Hızlı kurulum ve kaldırma,
- Düz veya yükseltilmiş flanş yüzeylerinde yüksek boru hattı basıncına uygun contalar,
- Kriyojenik sıcaklıktan 1000 °C'ye kadar sıcaklıklar.

Main Features

- A wide variety of sizes and shapes,
- Metal strip and filler combinations, adaptability to special fluid environment and operating conditions,
- Quick installation and removal,
- Gaskets suitable for high pipeline pressure on flat or raised flange surfaces,
- Temperatures from cryogenic to 1000 °C.

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Nominal Pipe Size (NPS)	Class 150							
	Inner Ring Inside Diameter (ID)		Winding Inside Diameter (ID)		Winding Outside Diameter (OD)		Guide Ring Outside Diameter (OD)	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm
1/4*	-	-	0.50	12.7	0.88	22.2	1.75	44.5
1/2	0.56	14.2	0.75	19.1	1.25	31.8	1.88	47.6
3/4	0.81	20.6	1.00	25.4	1.56	39.7	2.25	57.2
1	1.06	26.9	1.25	31.8	1.88	47.6	2.63	66.7
1 1/4	1.50	38.1	1.88	47.6	2.38	60.3	3.00	76.2
1 1/2	1.75	44.5	2.13	54.0	2.75	69.9	3.38	85.7
2	2.19	55.6	2.75	69.9	3.38	85.7	4.13	104.8
2 1/2	2.62	66.5	3.25	82.6	3.88	98.4	4.88	123.8
3	3.19	81.0	4.00	101.6	4.75	120.7	5.38	136.5
3 1/2*	3.50	88.9	4.50	114.3	5.25	133.4	6.38	161.9
4	4.19	106.4	5.00	127.0	5.88	149.2	6.88	174.6
5	5.19	131.8	6.13	155.6	7.00	177.8	7.75	196.9
6	6.19	157.2	7.19	182.6	8.25	209.6	8.75	222.3
8	8.50	215.9	9.19	233.4	10.38	263.5	11.00	279.4
10	10.56	268.2	11.31	287.3	12.50	317.5	13.38	339.7
12	12.50	317.5	13.38	339.7	14.75	374.7	16.13	409.6
14	13.75	349.3	14.63	371.5	16.00	406.4	17.75	450.9
16	15.75	400.1	16.63	422.3	18.25	463.6	20.25	514.4
18	17.69	449.3	18.69	474.7	20.75	527.1	21.63	549.3
20	19.69	500.1	20.69	525.5	22.75	577.9	23.88	606.4
24	23.75	603.3	24.75	628.7	27.00	685.8	28.25	717.6

*Not Listed in ASME B16.20

Nominal Pipe Size (NPS)	Class 300							
	Inner Ring Inside Diameter (ID)		Winding Inside Diameter (ID)		Winding Outside Diameter (OD)		Guide Ring Outside Diameter (OD)	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm
1/4*	-	-	0.50	12.7	0.88	22.2	1.75	44.5
1/2	0.56	14.2	0.75	19.1	1.25	31.8	2.13	54.0
3/4	0.81	20.6	1.00	25.4	1.56	39.7	2.63	66.7
1	1.06	26.9	1.25	31.8	1.88	47.6	2.88	73.0
1 1/4	1.50	38.1	1.88	47.6	2.38	60.3	3.25	82.6
1 1/2	1.75	44.5	2.13	54.0	2.75	69.9	3.75	95.3
2	2.19	55.6	2.75	69.9	3.38	85.7	4.38	111.1
2 1/2	2.62	66.5	3.25	82.6	3.88	98.4	5.13	130.2
3	3.19	81.0	4.00	101.6	4.75	120.7	5.88	149.2
3 1/2*	3.50	88.9	4.50	114.3	5.25	133.4	6.50	165.1
4	4.19	106.4	5.00	127.0	5.88	149.2	7.13	181.0
5	5.19	131.8	6.13	155.6	7.00	177.8	8.50	215.9
6	6.19	157.2	7.19	182.6	8.25	209.6	9.88	250.8
8	8.50	215.9	9.19	233.4	10.38	263.5	12.13	308.0
10	10.56	268.2	11.31	287.3	12.50	317.5	14.25	362.0
12	12.50	317.5	13.38	339.7	14.75	374.7	16.63	422.3
14	13.75	349.3	14.63	371.5	16.00	406.4	19.13	485.8
16	15.75	400.1	16.63	422.3	18.25	463.6	21.25	539.8
18	17.69	449.3	18.69	474.7	20.75	527.1	23.50	596.9
20	19.69	500.1	20.69	525.5	22.75	577.9	25.75	654.1
24	23.75	603.3	24.75	628.7	27.00	685.8	30.50	774.7

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Nominal Pipe Size (NPS)	Class 400							
	Inner Ring Inside Diameter (ID)		Winding Inside Diameter (ID)		Winding Outside Diameter (OD)		Guide Ring Outside Diameter (OD)	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm
1/4*	-	-	0.50	12.7	0.88	22.2	1.75	44.5
1/2	0.56	14.2	0.75	19.1	1.25	31.8	2.13	54.0
3/4	0.81	20.6	1.00	25.4	1.56	39.7	2.63	66.7
1	1.06	26.9	1.25	31.8	1.88	47.6	2.88	73.0
1 1/4	1.50	38.1	1.88	47.6	2.38	60.3	3.25	82.6
1 1/2	1.75	44.5	2.13	54.0	2.75	69.9	3.75	95.3
2	2.19	55.6	2.75	69.9	3.38	85.7	4.38	111.1
2 1/2	2.62	66.5	3.25	82.6	3.88	98.4	5.13	130.2
3	3.19	81.0	4.00	101.6	4.75	120.7	5.88	149.2
3 1/2*	3.50	88.9	4.13	104.8	5.25	133.4	6.38	161.9
4	4.04	102.6	4.75	120.7	5.88	149.2	7.00	177.8
5	5.05	128.3	5.81	147.6	7.00	177.8	8.38	212.7
6	6.10	154.9	6.88	174.6	8.25	209.6	9.75	247.7
8	8.10	205.7	8.88	225.4	10.38	263.5	12.00	304.8
10	10.05	255.3	10.81	274.6	12.50	317.5	14.13	358.8
12	12.10	307.3	12.88	327.0	14.75	374.7	16.50	419.1
14	13.50	342.9	14.25	362.0	16.00	406.4	19.00	482.6
16	15.35	389.9	16.25	412.8	18.25	463.6	21.13	536.6
18	17.25	438.2	18.50	469.9	20.75	527.1	23.38	593.7
20	19.25	489.0	20.50	520.7	22.75	577.9	25.50	647.7
24	23.25	590.6	24.75	628.7	27.00	685.8	30.25	768.4

*Not Listed in ASME B16.20

Nominal Pipe Size (NPS)	Class 600							
	Inner Ring Inside Diameter (ID)		Winding Inside Diameter (ID)		Winding Outside Diameter (OD)		Guide Ring Outside Diameter (OD)	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm
1/4*	-	-	0.50	12.7	0.88	22.2	1.75	44.5
1/2	0.56	14.2	0.75	19.1	1.25	31.8	2.13	54.0
3/4	0.81	20.6	1.00	25.4	1.56	39.7	2.63	66.7
1	1.06	26.9	1.25	31.8	1.88	47.6	2.88	73.0
1 1/4	1.50	38.1	1.88	47.6	2.38	60.3	3.25	82.6
1 1/2	1.75	44.5	2.13	54.0	2.75	69.9	3.75	95.3
2	2.19	55.6	2.75	69.9	3.38	85.7	4.38	111.1
2 1/2	2.62	66.5	3.25	82.6	3.88	98.4	5.13	130.2
3	3.19	81.0	4.00	101.6	4.75	120.7	5.88	149.2
3 1/2	3.50	88.9	4.13	104.8	5.25	133.4	6.38	161.9
4	4.04	102.6	4.75	120.7	5.88	149.2	7.63	193.7
5	5.05	128.3	5.81	147.6	7.00	177.8	9.50	241.3
6	6.10	154.9	6.88	174.6	8.25	209.6	10.50	266.7
8	8.10	205.7	8.88	225.4	10.38	263.5	12.63	320.7
10	10.05	255.3	10.81	274.6	12.50	317.5	15.75	400.1
12	12.10	307.3	12.88	327.0	14.75	374.7	18.00	457.2
14	13.50	342.9	14.25	362.0	16.00	406.4	19.38	492.1
16	15.35	389.9	16.25	412.8	18.25	463.6	22.25	565.2
18	17.25	438.2	18.50	469.9	20.75	527.1	24.13	612.8
20	19.25	489.0	20.50	520.7	22.75	577.9	26.88	682.6
24	23.25	590.6	24.75	628.7	27.00	685.8	31.13	790.6

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Nominal Pipe Size (NPS)	Class 900							
	Inner Ring Inside Diameter (ID)		Winding Inside Diameter (ID)		Winding Outside Diameter (OD)		Guide Ring Outside Diameter (OD)	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm
1/4*	-	-	-	-	-	-	-	-
1/2	0.56	14.2	0.75	19.1	1.25	31.8	2.50	63.5
3/4	0.81	20.6	1.00	25.4	1.56	39.7	2.75	69.9
1	1.06	26.9	1.25	31.8	1.88	47.6	3.13	79.4
1 1/4	1.31	33.3	1.56	39.7	2.38	60.3	3.50	88.9
1 1/2	1.63	41.4	1.88	47.6	2.75	69.9	3.88	98.4
2	2.06	52.3	2.31	58.7	3.38	85.7	5.63	142.9
2 1/2	2.50	63.5	2.75	69.9	3.88	98.4	6.50	165.1
3	3.10	78.7	3.75	95.3	4.75	120.7	6.63	168.3
3 1/2*	3.50	88.9	4.13	104.8	5.25	133.4	7.50	190.5
4	4.04	102.6	4.75	120.7	5.88	149.2	8.13	206.4
5	5.05	128.3	5.81	147.6	7.00	177.8	9.75	247.7
6	6.10	154.9	6.88	174.6	8.25	209.6	11.38	288.9
8	7.75	196.9	8.75	222.3	10.13	257.2	14.13	358.8
10	9.69	246.1	10.88	276.2	12.25	311.2	17.13	435.0
12	11.50	292.1	12.75	323.9	14.50	368.3	19.63	498.5
14	12.63	320.8	14.00	355.6	15.75	400.1	20.50	520.7
16	14.75	374.7	16.25	412.8	18.00	457.2	22.63	574.7
18	16.75	425.5	18.25	463.6	20.50	520.7	25.13	638.2
20	19.00	482.6	20.50	520.7	22.50	571.5	27.50	698.5
24	23.25**	590.6	24.75	628.7	26.75	679.5	33.00	838.2

*Not Listed in ASME B16.20 ** Inner rings are required

Nominal Pipe Size (NPS)	Class 1500							
	Inner Ring Inside Diameter (ID)		Winding Inside Diameter (ID)		Winding Outside Diameter (OD)		Guide Ring Outside Diameter (OD)	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm
1/4*	-	-	-	-	-	-	-	-
1/2	0.56	14.2	0.75	19.1	1.25	31.8	2.50	63.5
3/4	0.81	20.6	1.00	25.4	1.56	39.7	2.75	69.9
1	1.06	26.9	1.25	31.8	1.88	47.6	3.13	79.4
1 1/4	1.31	33.3	1.56	39.7	2.38	60.3	3.50	88.9
1 1/2	1.63	41.4	1.88	47.6	2.75	69.9	3.88	98.4
2	2.06	52.3	2.31	58.7	3.38	85.7	5.63	142.9
2 1/2	2.50	63.5	2.75	69.9	3.88	98.4	6.50	165.1
3	3.10	78.7	3.63	92.1	4.75	120.7	6.88	174.6
3 1/2*	3.50	88.9	4.13	104.8	5.25	133.4	7.38	187.3
4	3.85	97.8	4.63	117.5	5.88	149.2	8.25	209.6
5	4.90	124.5	5.63	142.9	7.00	177.8	10.00	254.0
6	5.80	147.3	6.75	171.5	8.25	209.6	11.13	282.6
8	7.75	196.9	8.50	215.9	10.13	257.2	13.88	352.4
10	9.69	246.1	10.50	266.7	12.25	311.2	17.13	435.0
12	11.50**	292.1**	12.75	323.9	14.50	368.3	20.50	520.7
14	12.63**	320.8**	14.25	362.0	15.75	400.1	22.75	577.9
16	14.50**	368.3**	16.00	406.4	18.00	457.2	25.25	641.4
18	16.75**	425.5**	18.25	463.6	20.50	520.7	27.75	704.9
20	18.75**	476.3**	20.25	514.4	22.50	571.5	29.75	755.7
24	22.75**	577.9**	24.25	616.0	26.75	679.5	35.50	901.7

Nominal Pipe Size (NPS)	Class 2500							
	Inner Ring Inside Diameter (ID)		Winding Inside Diameter (ID)		Winding Outside Diameter (OD)		Guide Ring Outside Diameter (OD)	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm
1/4*	-	-	-	-	-	-	-	-
1/2	0.56	14.2	0.75	19.1	1.25	31.8	2.75	69.9
3/4	0.81	20.6	1.00	25.4	1.56	39.7	3.00	76.2
1	1.06	26.9	1.25	31.8	1.88	47.6	3.38	85.7
1 1/4	1.31	33.3	1.56	39.7	2.38	60.3	4.13	104.8
1 1/2	1.63	41.4	1.88	47.6	2.75	69.9	4.63	117.5
2	2.06	52.3	2.31	58.7	3.38	85.7	5.75	146.1
2 1/2	2.50	63.5	2.75	69.9	3.88	98.4	6.63	168.3
3	3.10	78.7	3.63	92.1	4.75	120.7	7.75	196.9
3 1/2*	3.50	88.9	-	-	-	-	-	-
4	3.85**	97.8**	4.63	117.5	5.88	149.2	9.25	235.0
5	4.90**	124.5**	5.63	142.9	7.00	177.8	11.00	279.4
6	5.80**	147.3**	6.75	171.5	8.25	209.6	12.50	317.5
8	7.75**	196.9**	8.50	215.9	10.13	257.2	15.25	387.4
10	9.69**	246.1**	10.63	269.9	12.25	311.2	18.75	476.3
12	11.50**	292.1**	12.50	317.5	14.50	368.3	21.63	549.3

*Not Listed in ASME B16.20 ** Inner rings are required





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Certifies the
 Test valve details
 Type
 Pressure class
 Nominal size
 Serial number
 Manufacturer Year
 Related Test Stan
 Test Date
 Valve qualification
 Description
 Valve Details
 Valve Size (DN &
 Pressure Class
 DN 50 - 2" - ANSI
 - ISO 10497 2022
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 Inspected By
 This certificate of
 October 2023
 Bursa 07.10.2023
 Certificate No



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 Test report No.
 Test rapor num.:
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 İmalat tipi Basınçlı
 Place of manu
 İmalat adresi:
 Valid until:
 Geçerlilik tarihi:
 Attachment:
 EKİ
 Contact / İletişim
 E-Mail: info@tuv-nord.de
 Phone/Fax: +90 216 36
 F-717 R06/Rev.03/10



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Certifies that
 Test valve details
 Type
 Pressure rating
 Nominal size
 Body material
 Bonnet material
 Ball / Plug material
 Seat Ring material
 Stem material
 Seal material
 Serial number
 Certificate Nr.
 Valve qualification
 Description
 Valve Details
 TÜV 44917 2017 A500
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 October 2023
 Bursa 15.10.2023
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This certificate is to certify that the valve below has been tested according to standard:
 Metal ball valves for petroleum, petrochemical and allied industries
 TS EN ISO 17292

MEGA KONTROL
 Certifies that the company **MEGA Kontrol Endüstriyel Ürünler San. ve Tic. Ltd. Şti.**
 Üçler Mah. Öğretmen Cd. No:248. Bursa, Turkey

Valve Type: BALL VALVE acc. to TS EN ISO 17292
 Manufacturer Name: MEGA Kontrol Endüstriyel Ürünler San. ve Tic. Ltd. Şti.
 Manufacturer Address: Üçler Mah. Öğretmen Cd. No:248. Nilüfer, Bursa,
 Manufacturer Web: www.megakontrol.com
 Manufacturer e-mail: info@megakontrol.com
 Production Standards: TS EN ISO 17292 - Metal ball valves for petroleum, petrochemical and allied

Valve Details	
Valve Size	DN 8 to DN 100 Ball Valves
Valve Details	CS, 150 to CL 600 Pressure Class METAL BALL VALVES FOR PETROCHEMICAL, PETROCHEMICAL AND NATURAL GAS INDUSTRIES

During this certification process, the following processes for ISO 17292 valves have been checked and approved:
 - ISO 9001 Quality Management Documents
 - Design documents and packages of the ISO 17292 Valves
 - Drawing Plan, Draw, Output Review, Validation and Approval documents
 - Technical Drawing and Operational documents
 - Procedures and instructions
 - Visual and dimensional control of ISO 17292 valves
 - Pressure and functional tests of ISO 17292 valves according to ISO 17292
 - Full control and visual check of valves
 - NDE activities
 - Valve marking
 - Valve certification documents

CONCLUSION:
 We have by the certify that the usual and quality control, design and manufacturer documents, QMS documents, pressure and functional performance test according to TS EN ISO 17292 tests on ball valve has been conducted at MEGA Kontrol's laboratory designated by manufacturer and witnessed TÜV AUSTRIA KALITE'ye respectively. The equipment complies with the principal requirements of TS EN ISO 17292 Metal ball valves for petroleum, petrochemical and allied industries. This attestation applies only to samples of product and also products which mentioned in table TS EN ISO 17292. All technical documents, and/or test records have been reviewed and approved for these products.

This certificate date
 October 2023
 Bursa 10.10.2023

Certificate No : S.10.23-TUVS-069

Mr. Sait ÖZ
 The certification
 Body of TÜV AUSTRIA KALITE

TÜV AUSTRIA KALITE KONTROL MÜHÜRLEME GÜZELHİME ÇEŞMENİ HİZMETLERİ SAN. VE TİC. LTD. ŞTİ.
 Akademi Mah. 687. Sk. Nilüfer Mahallesi No: 108 - Ç. Bursa/TÜRKİYE Tel: +90 224 445 14 11. Faks: +90 224 445 14 11
 www.tuv-ka.com



KALİTELİ ÜRÜNLERİ, UYGUN FİYATA VE EN İYİ HİZMETLE SUNMAKTA KARARLIYIZ.

COMMITTED TO PROVIDING QUALITY PRODUCTS
WITH THE BEST SERVICE AND AFFORDABLE PRICES.



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Visit our Website.

www.megakontrol.com



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KONTROL

ÜÇEVLER MAHALLESİ
ÖĞRETMEN CADDESİ
NO: 24/B, NİLÜFER, BURSA
P.C.: 16120

★ TÜRKİYE

info@megakontrol.com

www.megakontrol.com

