High Purity O-rings, seals and gaskets

Design - Validation - Production - Quality Assurance

know-how makes the difference

ERIKS

ERIKS Sanitary Gasket Guidelines

- **Tuf-Flex®** is the world's first unitized gasket, setting new standards for purity, performance and flexibility. A Tuf-Flex® Gasket's contact surface is PTFE unitized to an EPDM rubber inner core. This totally bonded construction provides a PTFE gasket with the mechanical characteristics, including memory, of an elastomer gasket. Designed to meet critical requirements in biopharmaceutical, ultrapure water, WFI (water for injection) and difficult food and beverage processing.

- **Food-Flex** is setting new standards for purity and performance for the food and beverage industries. Food-Flex will not absorb product, thus eliminating flavor transfer and reducing the need for costly gasket changeouts. A contact surface of PTFE unitized to a Buna rubber inner core provides a PTFE gasket with the inert, non-stick characteristics and memory of an elastomer gasket without pigmentation or spalling. Unlike standard PTFE gaskets, once clamped (30 in./lb), Food-Flex eliminates leaks in ΔT situations and out performs all standard elastomeric gaskets by providing 2-6x extended service life.

- **Tuf-Steel®** is composed of a unique 50/50 blend of non-pigmented PTFE and 316L passivated and atomized stainless steel. Testing and seven years of documented application usage has demonstrated that Tuf-Steel® is the choice for perfect surface performance, outstanding durability and extended service life in both SIP (steam in place) and WFI (water for injection) applications. Tuf-Steel® is ideal for sanitary steam pipe connections in extreme temperatures ranging from -100°F to 500°F. The superior strength of Tuf-Steel® eliminates creep and cold flow providing a leak-free seal and preventing maintenance problems and system downtime.

- **PTFE** is the material of choice whenever low temperature flexibility or gasket memory is not required and can remain in service for longer periods of time in both water and steam applications. PTFE is not recommended with large temperature variations due to creep and cold flow. PTFE has minimal extractables, has a low absorption rate and excellent resistance to process fluids.

- **Platinum Cured Silicone** is the material of choice in sanitary water systems when PTFE is not feasible due to severely misaligned fittings, or if the cost of high pressure clamps does not outweigh the benefits of PTFE (extended service life). See literature RF-170 for more information.

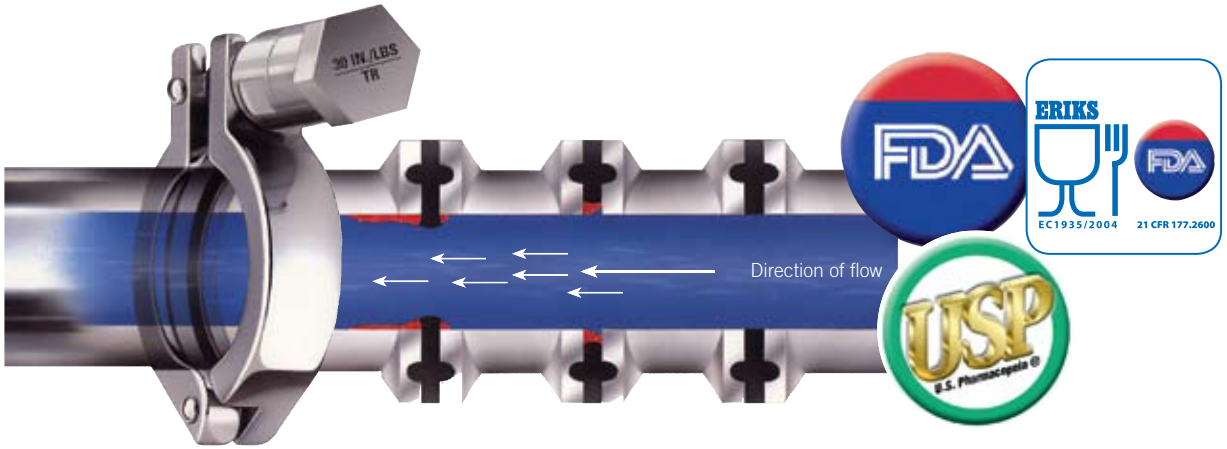
- **FKM Fluoroelastomer and EPDM** compounds are specified by many of our process equipment manufacturers. They are generally suitable for these applications, however, service life must be considered and a preventative maintenance program be implemented to mitigate degradation

1 = Excellent 2 = Good 3 = Acceptable 4 = Marginal 5 = Poor X = Do Not Use

Gasket Comments	Continuous Steam	Intermittent Steam	Pure Water Ambient	Pure Water Hot	Process Fluids Ambient	Process Fluids Hot	Process Fluids Variable (<0'C->100'C)	Temp. Range °C
Tuf-Flex®/Ansi-Flex	1	1	1	1	1	1	1	-29 to 149
Maintains seal with wide temperature variations. Has extended service life. *								
Food-Flex	X	2	1	2	1	2	2	-35 to 121
Maintains seal. No pigmentation or spalling . Has extended service life. *								
Tuf-Steel®	1	1	1	1	1	1	1	-73 to 260
Maintains seal with wide temperature variations. Has extended service life .*								
HPV	1	1	1	1	1	1	1	See Elastomer of choice
EPDM, FKM, Silicone †								
PTFE	1	1	1	1	1	1	3	-73 to 260
Wide temperature variations and may cause leakage at ΔT.								
Silicone (platinum)	2	2	2	2	2	2	1	-40 to 232
Very flexible low temperature.								
FKM Fluoroelastomer	2	2	2	2	2	2	2	-35 to 204
Acceptable for steam applications.								
EPDM (peroxide cured)	3	3	3	3	3	3	3	-29 to 149
Low pressure steam only.								

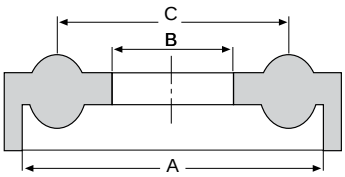
* Application dependent. † 100 SIP steam cycle tested.

Standard Sanitary Gaskets



1.	**Bio-Pro®**	FDA 177.1550 USP class VI	light blue
2.	**Tuf-Flex®**	FDA 17.1550 USP class VI	black
3.	**Kalrez®**	in FDA 177.2600 USP VI	black
4.	**Tuf-Steel®**	in FDA 177.1550 USP VI 3A sanitary USDA standards	brown
5.	**PTFE**	in FDA 177.1550 USP VI envelopes 3A sanitary USDA standards	white white EPDM or Viton®
6.	**PTFE**	in FDA 177.1550 envelopes	white EPDM or Viton®
7.	**PTFE**	in FDA 177.1550 USP VI 3A sanitary USDA standards	white-blue
8.	**Viton®**	in FDA 177.2600 USP VI 3A sanitary USDA standards	black
9.	**Viton®**	in FDA 177.2600	white-black-green
10.	**Silicone Platinium**	in FDA 177.2600 USP VI 3A sanitary USDA standards	transparent-white
11.	**Silicone Peroxide**	in FDA 177.2600	transparent-white
12.	**EPDM**	in FDA 177.2600 USP VI 3A sanitary USDA standards	
13.	**EPDM**	in FDA 177.2600	black-white
14.	**NBR**	in FDA 177.2600	black-white

Triclover Gaskets Dimensional List



Standard						Dimension of the gasket		
DIN	SMS	ISO		Imperial		Diameters in mm		
32 676		2852	1127	Standard	Sch 5	Flange (A)	Groove (C)	inside (B)
				1/2”		21,8	-	9,4
				3/4”		21,8	-	15,75
10			8			34,0	27,5	10,2
			10			34,0	27,5	14,2
15						34,0	27,5	16,2
			15			34,0	27,5	18,3
20						34,0	27,5	20,2
			1”		50,5	43,5	22,9	
	25					50,5	43,5	22,5
		1”				50,5	43,5	23,1
25						50,5	43,5	26,2
			20			50,5	43,5	23,9
			25			50,5	43,5	29,9
32						50,5	43,5	32,2
		1 1/2”				50,5	43,5	35,3
	38					50,5	43,5	35,5
				1 1/2”		50,5	43,5	35,6
40						50,5	43,5	38,2
			32			50,5	43,5	38,6
			40			64,0	56,5	44,5
					1 1/2”	64,0	56,5	45,2
		2”		2”		64,0	56,5	48
	51					64,0	56,5	48,5
50						64,0	56,5	50,2
			50			77,7	70,5	56,5
					2”	77,7	70,5	57,3
				2 1/2”		77,7	70,5	60,2
	63					77,7	70,5	60,5
		2 1/2”				77,7	70,5	60,7
65						91,0	83,5	66,2
					2 1/2”	91,0	83,5	69
			65			91,0	83,5	72,3
	76					91,0	83,5	72,5
		3”				91,0	83,5	73,2
				3”		91,0	83,5	73,3
					3”	106,0	97,0	84,9
80						106,0	97,0	81,2
			80			106,0	97,0	85,1
	101,6	4”		4”		119,0	110,0	97,8
	104					119,0	110,0	100
100						119,0	110,0	100,2
115		4 1/2”	100			130,0	122,4	110,5
					4”	130,0	122,4	110,3
				5”		144,7	134,0	121,8
125						155,0	146,0	125,2
		5 1/2”	125			155,0	146,0	135,9
				6”		167,1	157,0	147,2
					6”	183,0	174,3	163,1
	154					183,0	174,3	150
150						183,0	174,3	150,2
		6 5/8”	150			183,0	174,3	163,3
				8”		218,0	207,0	198
200						233,5	225,0	200,2
		8 5/8”	200			233,5	225,0	214,1
					8”	233,5	225,0	213,9
				10”		267,2	258,0	246,5
250						267,2	258,0	250,0
					10”	287,5	278,7	266,7
				12”		319,0	308,0	298,0
300						319,0	308,0	300,0
					12”	338,5	329,0	315,8

Bio-Pro®, the new modified PTFE-gasket for tri-clamp couplings

A unique alternative for the standard PTFE/envelope gaskets

As the process conditions in pharmaceutical installations are getting more and more severe (temperature - CIP - SIP - aseptic), the need of a universal applicable product is relevant.

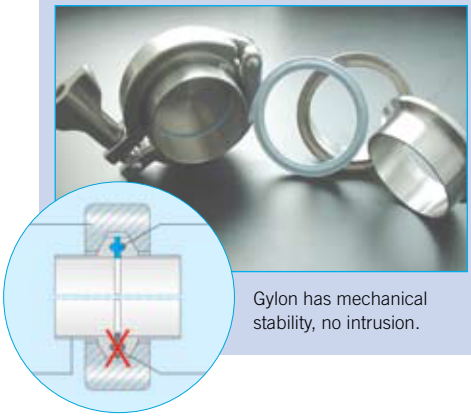
Gylon® Blue (the basic material for the Bio-Pro® gaskets) is a perfect combination between virgin PTFE and glass based microspheres Due to its inorganic microspheres Gylon® Blue is highly compressible and can be used in a wide range of applications

The mix of PTFE with microspheres permits Gylon® Blue to resist to a universal range of liquids and combines a high temperature resistance with an exceptional good mechanical stability. Indeed, cold-flow, usually recognised as one of the major problems with virgin PTFE-gaskets, is completely eliminated when using a modified PTFE-gasket such as Gylon® Blue.

Gylon® Blue can be used in Low-Stress-applications, which means that this material can be used in plastic, glass as well as in stainless steel couplings.

Note:

These gaskets are available in many different sizes according to DIN 32 676, ISO 1127, ISO 2852, ASME-BPE, BS 4825 and SMS.



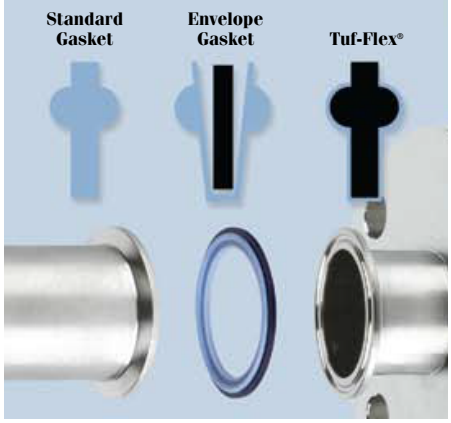
Gylon has mechanical stability, no intrusion.

Tuf-Flex®

Tuf-Flex®, **the ultimate pharmaceutical sanitary gasket**, is setting new standards for **purity, performance, flexibility** and is the world's first **unitized gasket**. A Tuf-Flex® gasket's contact surface is PTFE unitized to an EPDM rubber inner core. **This totally bonded construction provides the inert, non-stick benefits of PTFE with the memory of an elastomeric gasket without fear or risk of pigmentation or spalling.** Designed to meet critical requirements in biopharmaceutical, ultra-pure water, WFI (water for injection) and **difficult aseptic processing applications**. Tuf-Flex's® extended service life **out performs other gaskets while eliminating costly process interruptions**. Achieve higher performance under SIP/CIP conditions.

AVAILABLE SIZES:
1/2" – 6"

TUF-FLEX® SHEET AVAILABLE:
1/16" & 1/8" thick
13-3/4" square



Tuf-Steel®

The **original Tuf-Steel® gasket**, a Rubber Fab market innovation, is composed of a unique 50/50 blend of non-pigmented PTFE and 316L passivated and atomized stainless steel. **Testing and seven years of documented application usage** has demonstrated that Tuf-Steel® is the choice for **perfect surface performance**, **outstanding durability and extended service life** in both SIP (steam in place) and WFI (water for injection) applications. Tuf-Steel® is ideal for sanitary steam and extreme temperature processes, specifically **fryer and hot oil applications**, with temperatures ranging from **-100°F up to 500°F**. The **superior strength** of Tuf-Steel® **eliminates creep** and **cold flow providing a leak-free seal**.

AVAILABLE SIZES:
1/2" – 12"

TUF-STEEL® SHEET AVAILABLE:
1/16" & 1/8" thick
25" x 48" sheet

ALSO AVAILABLE:
Type II Flanged
Color Coded
DIN/ISO
Ansi Flange 1/8" thick

TUF-STEEL® Type II Flanged AVAILABLE!

PTFE Envelope Gaskets

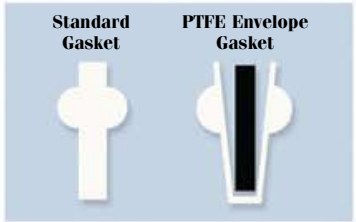
A PTFE Envelope gasket has the excellent chemical resistance and the enert characteristics of PTFE, and the EPDM or FKM elastomeric insert imparts memory. The PTFE Envelope gasket meets FDA and USP Class VI standards.

AVAILABLE SIZES TYPE I:
1/2" – 12"

AVAILABLE S ZES TYPE II FLANGED:
1" – 4"

AVAILABLE INSERTS:
EPDM, FKM Fluoroelastomer

ALSO AVAILABLE:
Schedule V Envelope Gaskets



DIN/ISO

Rubber Fab's DIN/ISO gaskets are manufactured in compliance with FDA, USP Class VI requirements to **insure the highest purity sealing product available worldwide**. We offer the following line of European standard sanitary gaskets

DIN32676	DIN11851
DIN11864	ISO1127
ISO2852	SMS1149

AVAILABLE ELASTOMERS:
Platinum Silicone, FKM Fluoroelastomer, EPDM, Buna*

AVAILABLE FLUOROPOLYMERS:
PTFE, Tuf-Steel®

DIN/ISO Screen Gaskets

DIN11851 DIN11864

AVAILABLE ELASTOMERS:
FKM Fluoroelastomer, EPDM

AVAILABLE MESHES:
10, 20 & 60

Metal Detectable Elastomers

Metal detectables can **eliminate product recall, lower product loss and decrease the risk of elastomers consumed in a finished product**. Gaskets manufactured with **Food Chemical Codex approved metal filler** insure that a worn off piece of elastomer material **migrating through your system will be detected and rejected by an in-line metal detector or removed by a mag bar**. Searching for and locating fragmented rubber parts has traditionally been a **costly, time consuming and inconclusive process** requiring expensive x-ray equipment, manual observation and an extensive maintenance program. **Not locating a worn and lost rubber piece can have an even costlier outcome**!

Meets USDA Hazard Analysis and Critical Control Points.

AVAILABLE ELASTOMERS:
EPDM, FKM Fluoroelastomer, Silicone, Buna*

AVAILABLE FLUOROPOLYMERS:
PTFE, Tuf-Steel®

AVAILABLE PRODUCTS:
Gaskets, Valve Stems, Check Balls, Quad Rings, Heat Sealing Bars, Sheet, Extrusions, Hoses, Utensils, O-Rings

METAL DETECTABLE

Screen Gaskets

Rubber Fab's Fluid filtration screen gaskets provide the most comprehensive range of stainless steel mesh and filter cloth which provide for **particulate elimination to protect fill and finish sterile products, spray balls and spray nozzles**. You can choose a screen gasket in a USP Class VI elastomer or Fluoroelastomer in a variety of mesh sizes, 10 micron through 4 mesh.

AVAILABLE ELASTOMERS:
EPDM, FKM Fluoroelastomer, Silicone, Buna*

AVAILABLE FLUOROPOLYMERS:
PTFE, Tuf-Steel®

AVA LABLE SIZES:
1/2" – 6" (Consult factory for 6" and over)
Consult factory for custom meshes

AVAILABLE SERVICES:
Electropolishing
Passivation
Laser Engraving

Sock Screens

The extended sock shaped mesh gasket offers **up to 300% more open area for 300% more soil collection capability** than conventional screens. They provide greater flow for situations where large amount of particulates are involved. Available in 10 mesh to 325 mesh with standard 16 mesh and 20 mesh in stock

AVAILABLE ELASTOMERS:
EPDM, FKM Fluoroelastomer, Silicone, Buna*

AVAILABLE SERVICES:
Electropolishing

Orifice Plates

Our innovative Orifice Plate line includes a complete selection of solid 316L Stainless Steel, in **standard** or **tabbed TC** and **vertical styles**, that can be custom drilled with an **eccentric or concentric bore**. **Steam trap mini orifice plates are an alternative to standard steam trap technology.** Tabs help to acknowledge that an orifice plate is **"in line"** and can be **laser engraved** to indicate the hole diameter, gasket size or user specified information. **A major safety consideration!** Rubber Fab's Orifice Plates can advance your system's performance, **adjust flow rates, balance backflow** and **equalize back pressure** during SIP procedures; achievable benefits while maintaining sanitary conditions.

AVAILABLE ELASTOMERS:
EPDM, FKM Fluoroelastomer, Silicone, Buna*

AVAILABLE FLUOROPOLYMERS:
PTFE, Tuf-Steel®

AVAILABLE SIZES:
1/2" – 4"
Consult factory for 6" and over

ALSO AVAILABLE:
Slotted Clamps for Tabbed style orifice plates

AVAILABLE SERVICES:
Electropolishing
Passivation
Laser Engraving

Smart Gaskets®

The Rubber Fab Smart Gasket® value is proven when **validating sterility** in a high-purity pharmaceutical system. A standard sanitary flange utilizing the Smart Gasket® Thermocouple Gasket obtains the critical **thermal mapping** information needed during the validation process. **Meter fluids in your process system** using a **peristaltic pump** or **withdraw samples** through our luer lock valve or syringe. Then, utilize Rubber Fab's Spore Trap Gasket to **securely retain spore test strips**.

AVAILABLE SIZES:
1/2" – 4" (excluding 2-1/2")

AVAILABLE PORTS:
Thermocouple Gasket: 1-4 ports
Spore Trap Gasket: 1 port

Biological Indicator

Rubber Fab s Biolog cal Indicato Gasket enables the use of a **self-contained biological indicator in sanitary process lines**. This unique Smart Gasket® permits either **top loading or inline position ing** of an EZTest® **biological indicator and/or a temperature probe**. The great advantage of a self-contained biological indicator over the traditional spore strip in glassine is the **time saved when confirming spore kill**. Results are easily obtained n only 24 hours (versus the five to seven days required w th a spore strip) and **without problematic laboratory transfer** Feel secure knowing that the biological indicator **will not be lost** down stream in the process. This fail-safe Rubber Fab Smart Gasket® holds the indicator n place for **easy retri val**.

AVAILABLE SIZES:
3/4" – 2

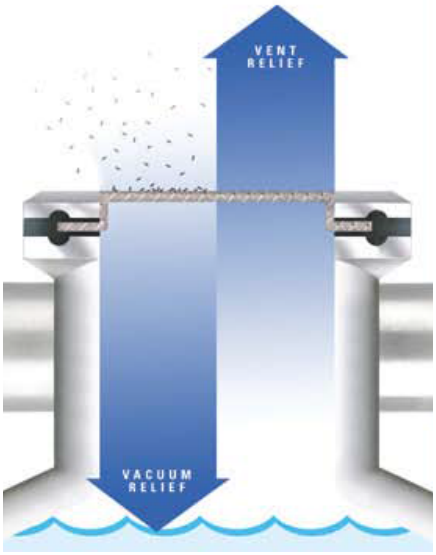
AVAILABLE PORTS:
1 port in sizes 1" 1-1/2", 2"
N/A in 3/4"

Patent 6,927 058

V²B Vent Gasket

The Rubber Fab V²B Vent Gasket provides vacuum and pressure relief for **pharmaceutical** and **food/beverage processing** tank venting when **airborne particulate removal is required**. A 200 mesh screen combined with a 14 mesh screen of **sintered construction** creates a cost effective alternative to expensive vacuum breakers and venting systems.

The V²B System is attached/connected using a standard sanitary clamp to a sanitary tank port, the same way a standard vacuum breaker in installed. **Installation can be horizontal, vertical or in single or multiple port configurations** (i.e. manifolds) without special fabrication or expensive tooling. The V²B screen will **fit perfectly into the I.D. of a sanitary pipe** and can be used for **inflow fluid** conditioning filtration.



Food-Flex

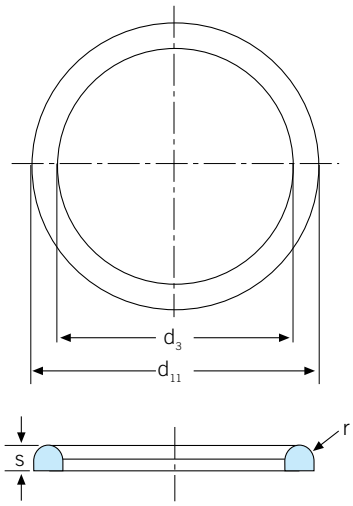
Food-Flex, the next generation in **unitized gasket** technology, was **designed specifically for purity and performance in critical food and beverage applications**. A Food-Flex Gasket's contact surface is PTFE unitized to a Buna rubber inner core. This **totally bonded** construction provides a PTFE gasket with the inert, **non-stick characteristics** and memory of an elastomer gasket **without pigmentation or spalling**. Food-Flex will not absorb product, thus eliminating flavor transfer and reducing need for costly gasket changeouts. Unlike standard PTFE gaskets, once clamped (30 in./lb), **Food-Flex eliminates leaks** in ΔT situations and **resists all CIP (Clean in Place) media**. Food-Flex **out performs all standard elastomeric gaskets by providing 2-6x extended service life** and helps **eliminate costly process interruptions** in food and beverage production. Food-Flex is suitable for use in homogenizers, carbo coolers, filtration housings and pasteurizers. Meets FDA, 3A and USDA requirements.

AVAILABLE SIZES:
1" – 6"

Milkcoupling gaskets

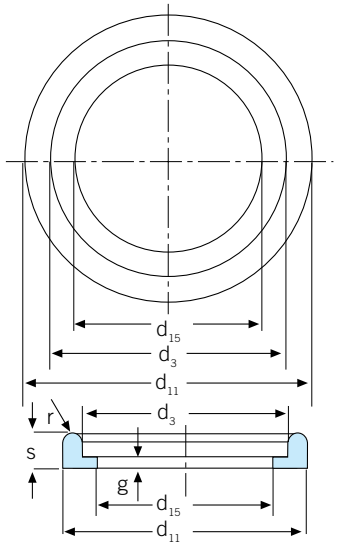
Rings to DIN 11851

NW	d_3	d_{11}	r	s
10	12	20	2,3	4,5
15	18	26	2,3	4,5
20	23	33	2,8	4,5
25	30	40	2,8	5
32	36	46	2,8	5
40	42	52	2,8	5
50	54	64	2,8	5
65	71	81	2,8	5
3[11]	78	88	2,8	5
80	85	95	2,8	5
90	94	104	2,8	5
100	104	114	2,8	6
125	130	142	3,5	7
150	155	167	3,5	7



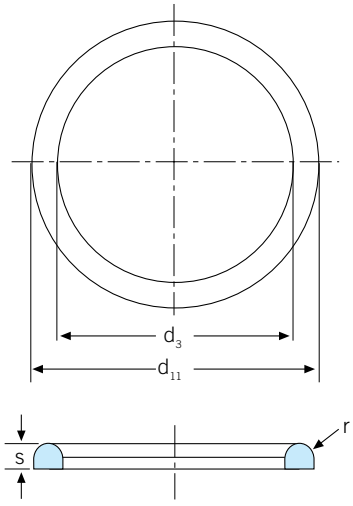
Rings with internal centering ring

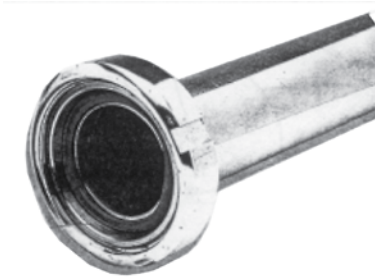
NW	d_3	d_{11}	d_{15}	g	s	r
10	12	20	10.5	1,5	5	2,3
15	18	26	16.5	1,5	5	2,3
20	23	33	20.5	1,5	5	2,8
25	30	40	26.5	2	6	2,8
32	36	46	32.5	2	6	2,8
40	42	52	38.5	2	6	2,8
50	54	64	50.5	2	6	2,8
65	71	81	66.5	2	6	2,8
80	85	95	81.5	2	6	2,8
100	104	114	100.5	2	6	2,8
125	130	142	125	2	7	3,5
150	155	167	150	2	7	3,5



Rings

NW	d_3	d_{11}	r	s
25	30	40	2,8	8
32	36	46	2,8	8
40	42	52	2,8	8
50	54	64	2,8	8
65	71	81	2,8	6,5
65	71	81	2,8	8
80	85	95	2,8	6,5
80	85	95	2,8	8
100	104	114	2,8	8





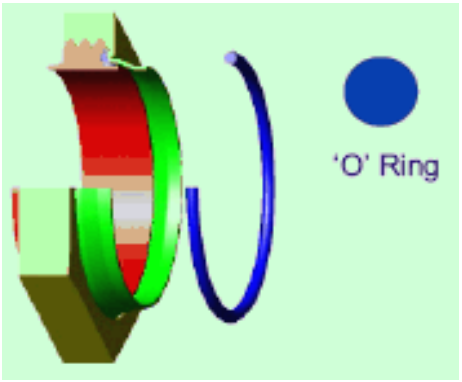
These gaskets are used in combination with the “milkcouplings” according to DIN11851, and mainly used in the milkindustry due to its aseptic concept. Over the years, the standard bleu gasket in NBR has changed into other qualities such as:

- EPDM (black)
- H-NBR (yellow) for temperature up to 150° C
- Viton® for chemical resistance
- Silicone (red or transparent)
- PTFE
- Teflex®, FEP encapsulated gasket with Viton, silicone or EPDM-core
- Bio-hygienic, rubber with antimicrobial properties (in H-NBR yellow)
- Kalrez® (white or black)
- Gylon® blue

Bio-hygienic also available in other rubber compounds.

All these components are FDA compliant.

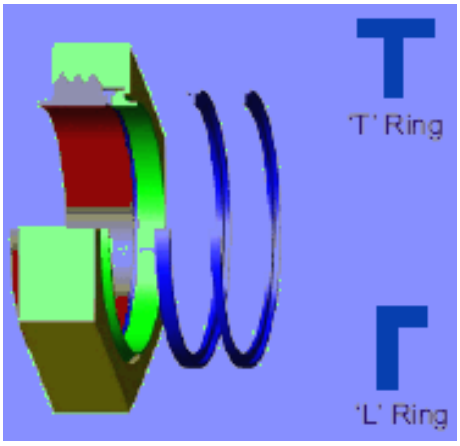
RJT Fittings BS4825 Part 5 formerly B.S.1864



The RJT union (Red Joint Type) was the original hygienic fitting used in the UK. It can be recognised by the slim hexagon nut and O section joint ring. Although still widely used because of comparative costs, it is not considered suitable for modern systems which are cleaned in place, because the crevice between the liner and the spigot on the male is difficult to clean. However, the positive location of the joint ring in the male part and the course Whitworth thread make this a common choice where regular dismantling takes place for cleaning.

Size	ID	C/S	Reference
1"	26.7	6.6	RJT100*
1.1/2"	32.8	6.6	RJT150*
2"	52.1	6.6	RJT200*
2.1/2"	64.8	6.6	RJT250*
3"	77.5	6.6	RJT300*
4"	93.9	6.6	RJT400*

IDF Fittings BS4825 Part 4



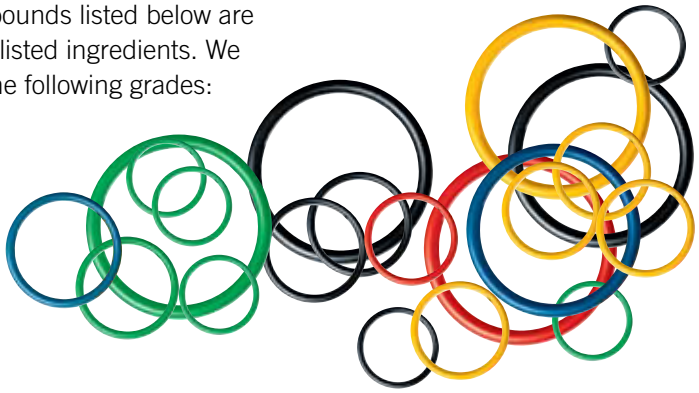
IDF (International Dairy Federation) sometimes referred to as ISS (International Sanitary Standard) was introduced in the Sixties as the successor to RJT because of its crevice free assembly. It can be recognised by the wide hexagon nut or T section ring. The joint ring locates on both liner and part but does not tend to stay in place when the union is disassembled, and can prove awkward. In cases where the union is dismantled frequently, the use of the L section joint ring will alleviate the problem as the joint ring will locate on one half.

T Size	ID	OD	W	Reference
1"	23.20	32.50	7.00	IJT100*
1.1/2"	35.90	46.00	7.00	IJT150*
2"	48.60	59.50	7.00	IJT200*
2.1/2"	61.30	73.20	7.00	IJT250*
3"	74.00	86.50	7.00	IJT300*
4"	98.60	119.00	7.60	IJT400*

*Materials
N = Nitrile
E = EPDM
S = Silicone
P = PTFE

High Performance O-rings and custom moulded parts

Selecting the right elastomer is a balance of material and design.
All ERIKS compounds listed below are produced from listed ingredients. We distinguished the following grades:



High Performance O-rings and custom moulded parts with Certificates

Compound Number	Material ASTM D1418	Colour	Hardness IRHD±5	FDA 177.2600	USP Class VI	3A	EC 1935	ADI free	Temp. resistance °C
329303	Neoprene	black	75	X			X	X	-35/+100
366312 (*)	Nitrile-NBR	blue	60	X		X	X	X	-30/+120
366470	Nitrile-NBR	black	70	X		X	X	X	-30/+120
366302	Nitrile-NBR	black	75	X		X	X	X	-30/+120
366472	Nitrile-NBR	white	75	X			X	X	-30/+120
366480	Nitrile-NBR	black	80	X			X	X	-30/+120
366490	Nitrile-NBR	black	90	X			X	X	-30/+120
886214 (**)	HNBR	red	69	X			X	X	-30/+150
886172	HNBR	black	70	X			X	X	-30/+150
886972	HNBR	white	77	X			X	X	-30/+150
559260	EPDM	black	60	X			X	X	-40/+140
559311 (*)	EPDM	blue	67	X		X	X	X	-40/+140
55641	EPDM	black	70	X				X	-55/+150
559270	EPDM	black	70	X			X	X	-55/+150
559272	EPDM	white	70	X			X	X	-55/+150
559273	EPDM	black	70	X	X	X	X	X	-40/+150
55111	EPDM	black	70	X			X	X	-55/+150
559274	EP¨DM	white	70	X	X		X	X	-40/+150
559302	EPDM	black	70	X	X	X	X	X	-50/+150
559312	EPDM	black	70	X			X	X	-40/+140
559313 (*)	EPDM	black	70	X			X	X	-55/+150
559291	EPDM	black	70	X	X	X	X	X	-40/+150
559187	EPDM	black	75	X		X	X	X	-40/+140
559280	EPDM	black	80	X			X	X	-40/+140
Teflex® EPDM	EPDM	black		X	X			X	-60/+200

(*): metal detectable compounds

(**): Bio-Hygienic®

High Performance O-rings and custom moulded parts with Certificates									
Compound Number	Material ASTM D1418	Colour	Hardness IRHD±5	FDA 177.2600	USP Class VI	3A	EC 1935	ADI free	Temp. resistance °C
514660	FKM	black	60	X			X	X	-15/+200
514115	FKM	black	70	X			X	X	-40/+200
514670	FKM	black	70	X			X	X	-20/+200
514642	FKM	green	70	X			X	X	-20/+200
514672	FKM	white	70	X	X	X	X	X	-15/+200
514674	FKM	blue	70	X			X	X	-20/+200
514328 (*)	FKM	blue	70	X		X	X	X	-15/+204
514331	FKM	black	70	X	X	X	X	X	-15/+200
514010	FKM	white	75	X	X	X	X	X	-20/+200
514304	FKM	white	75	X		X	X	X	-20/+200
514172	FKM	black	75	X		X	X	X	-20/+200
514641	FKM	black	75	X			X	X	-20/+200
514312	FKM	black	75	X	X	X	X	X	-20/+204
514324	FKM	black	75	X	X		X	X	-20/+200
514683	FKM	black	75	X			X	X	-15/+200
514682	FKM	white	80	X			X	X	-15/+200
Genuine Viton® A 514680	FKM	black	80	X			X	X	-20/+200
Teflex® Viton®	FKM/FEP/PFA	black	75	X	X	X	X	X	-20/+200
Genuine Viton® A 514690	FKM	black	90	X			X	X	-20/+200
Genuine Viton® A 514694	FKM	blue	90	X			X	X	-20/+200
Silicone 714742	VMQ	white	40	X			X	X	-60/+200
Silicone 714747	VMQ	transl.	40	X			X	X	-60/+200
Silicone 714748	VMQ	red	40	X			X	X	-60/+200
Silicone 714762	VMQ	white	60	X			X	X	-60/+200
Silicone 714767	VMQ	transl.	60	X	X		X	X	-60/+200
Silicone 714768	VMQ	red	60	X			X	X	-60/+200
Silicone 714088 (**)	VMQ	white	60	X			X	X	-30/+150
Silicone 714217	VMQ	white	60	X	X	X	X	X	-60/+200
Silicone 714177	VMQ	red	70	X			X	X	-60/+220
Silicone 714001	VMQ	transp.	70	X	X		X	X	-60/+200
Silicone 714320	VMQ	transp.	70	X	X		X	X	-60/+220
Silicone 714330 (*)	VMQ	blue	69	X		X	X	X	-60/+220
Silicone 714002	VMQ	Transp.	75	X	X		X	X	-60/+200
Silicone 714206	VMQ	red	75	X			X	X	-60/+220
Silicone 714006	VMQ	red	75	X		X	X	X	-60/+220
Silicone 714782	VMQ	white	80	X			X	X	-60/+200
Silicone 714787	VMQ	transl.	80	X	X		X	X	-60/+200
Silicone 714788	VMQ	red	80	X			X	X	-60/+200
Teflex® Silicone	VMQ FEP/PFA	red	70	X	X		X	X	-60/+200
Eriflon PTFE	PTFE	white	60	X	X		X	X	-270/+280
Kalrez® 6221	FFKM	white	70	X	X				260
Kalrez® 6230	FFKM	black	75	X	X				260

(*): metal detectable compounds

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NOTES

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