



Sanitary  
flow  
equipment

Quality System  
Certified ISO 9001



40MP gasket clamp BS 4825 dimensions Rev.3.doc  
Page 1 of 2

## SANITARY CLAMP GASKETS

Rubber Fab Standard Clamp sanitary gaskets are manufactured using FDA compliant compounds, and according to CGMP guidelines.  
Our 1/2" – 4" Type I EPDM, FKM Fluoroelastomer, Silicone and PTFE, Tuf-Flex® , & Tuf-Steel® Clamp® gaskets are USP Class VI and FDA CFR 177.2600 & 177.1550 and ADI (Animal Derived Ingredient Free) certified.

All gaskets require periodic replacement.  
Gasket life is influenced by the gasket material, product application, temperature, cleaning procedures, etc. After monitoring gasket conditions in process system, a schedule should be developed for replacement of gasket.



all gaskets are delivered in full box/case quantity only  
all box/case are fully lot traceable

### Key available code:

- o **40 MP** Standard sanitary gasket (Silicone, EPDM, Teflon, FKM)
- o **40 MP-GTS** TUFSTEEL sanitary gasket (Teflon blended with 316 passivated stainless steel)
- o **40 MPF** Flanged gasket (Silicone, EPDM, FKM)
- o **40 MP-ES** EPDM Screen gasket – 10, 20, 40, 60 & 100 Mesh s.s.
- o **A-40 MP-GR** TEFLON Envelope gasket (can be ordered with either FKM (V) or EPDM (E) filling)
- o **A80 MP** Solid orifice plates (Silicone, EPDM, Teflon, FKM)
- o **G-TH** Smart gasket for PT Thermocouple (Silicone, EPDM with 1, 2, 3 and 4 internal ports available)

### Key available material:

	material	colour code	operating temp. range	application
o <b>E</b>	EPDM	Black	-20°C to 150°C	low pressure steam only
o <b>X</b>	SILICONE Peroxide cured	White	-40°C to 230°C	very flexible low temperature
o <b>XP</b>	SILICONE Platinum cured	White	-40°C to 230°C	very flexible low temperature
o <b>V or SFY</b>	FKM	Black	-30°C to 205°C	acceptable for steam application
o <b>G</b>	PTFE	White	-74°C to 260°C	wide temp. variations and may cause leakage at delta T
o <b>GTS</b>	TUFSTEEL	Bronze	-212°C to 288°C	maintains seal with wide temperature variations has extended service life (for continuous steam service)

### COLOR CODING – IDENTIFICATION OF GASKET MATERIALS

ELASTOMER	PART NR. IDENTIFICATION	TYPICAL COLOR	COLOR CODE
SILICONE	X	white	1 pink dot
SILICONE PLATINUM	XP	white	none
PTFE	G	white	none
FKM	V or SFY	black	1 white or yellow dot
EPDM	E	black	3 green dots
TUFSTEEL	GTS	bronze	none

NOTE available full box 50 pieces quantity for fractional size 1/2" and 3/4"  
25 pieces quantity for all other size

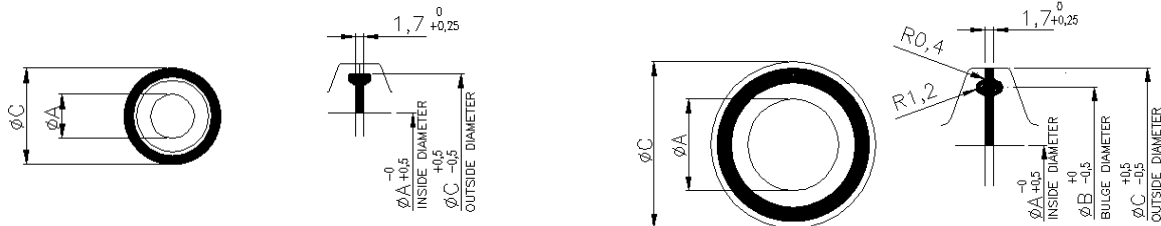
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## GASKETS Sizing Guide

These actual size drawings are provided to eliminate sizing errors when specifying sanitary BS 4825 clamp gaskets.  
The outside diameters is the same for 1/8", 3/8", 1/2", 3/4" I.D. fractional = 25,2 mm  
The same holds true for the 1" and 1 1/2 I.D. size = 50,4 mm  
The 2" and up to 12" I.D. have specific O.D. diameters  
For your convenience and ordering accuracy, this drawing may be used as sizing I.D and O.D. patterns.



Gasket / ferrule configuration  
for all 25,2mm fractional flange sizes

Gasket / ferrule configuration  
for all flange sizes except 25,2mm

### Standard BS 4825 Pt.3 for tube according ASME- BPE

Size Inch	Inside Dia. Elastomer φ A mm	Inside Dia. PTFE φ A mm	Outside Dia φ C mm	Ord. code 40 MP	Ord. Code 40 MP-GTS	Ord. Code 40 MPF	Ord. Code 40 MP-ES	Ord. Code A-40 MP-GR	Ord. Code A80 MP	Ord. Code G-TH
1/2"	10,80	9,60	22,0	42 MP050	42 MP-GTS050	-	42 MP-ES050	A-42 MP-GR050	A80 MP050	G-TH050
3/4"	16,20	16,00	22,0	42 MP075	42 MP-GTS075	-	42 MP-ES075	A-42 MP-GR075	A80 MP075	G-TH075
1"	22,50	22,10	50,5	40 MP100	40 MP-GTS100	40 MPF100	40 MP-ES100	A-40 MP-GR100	A80 MP100	G-TH100
1 1/2"	35,30	35,10	50,5	40 MP150	40 MP-GTS150	40 MPF150	40 MP-ES150	A-40 MP-GR150	A80 MP150	G-TH150
2"	47,80	47,40	64,0	40 MP200	40 MP-GTS200	40 MPF200	40 MP-ES200	A-40 MP-GR200	A80 MP200	G-TH200
2 1/2"	61,00	60,50	77,5	40 MP250	40 MP-GTS250	40 MPF250	40 MP-ES250	A-40 MP-GR250	A80 MP250	G-TH250
3"	73,50	73,20	91,0	40 MP300	40 MP-GTS300	40 MPF300	40 MP-ES300	A-40 MP-GR300	A80 MP300	G-TH300
4"	98,20	97,50	119,0	40 MP400	40 MP-GTS400	40 MPF400	40 MP-ES400	A-40 MP-GR400	A80 MP400	G-TH400
6"	147,20	146,90	167,0	40 MP600	40 MP-GTS600	40 MPF600	40 MP-ES600	A-40 MP-GR600	A80 MP600	G-TH600

Tolerances : according BS 5400 : Section 1.1 and 1.2

Surface finish : the surface finish of contact and sealing surfaces shall have surface roughness value, Ra, of not more than 1.0 um as defined in BS 1134 : Part 1.

High Purity Pharmaceutical Gaskets Conformance and certificate

- o Passed : **USP Class VI testing**
- o Passed : **Cytotoxicity testing**
- o Meets : **FDA Code of Federal Regulation 177.2600 / 1550**
- o Meets : **3A Standards**
- o Meets : **ASME-BPE Standards compliance**
- o Animal Derived Ingredient Free **A.D.I.F.**
- o Traceability of Lot and Batch

## Packaging and Storing information

The shelf life of rubber gasket is the maximum period from cure date the product is installed. During the shelf life time, the rubber product is expected to retain its characteristics under the following conditions:

- o Stored in original packaging in a clean, dry warehouse
- o Not exposed to direct sunlight
- o Stored no closer than 2 meter from electric motors
- o Temperature between to 18°C to 30°C

A guideline for shelf life of rubber gaskets manufactured from the following components should have the following shelf life not to exceed:

- o **E** EPDM 5 years
- o **X** SILICONE Peroxide cured 5 years
- o **XP** SILICONE Platinum cured 5 years
- o **V or SFY** FKM 10 years
- o **G** PTFE indefinite
- o **GTS** TUFSTEEL indefinite

К-ТЕП — Фитинги Clamp

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### Замечания

*Условия поставки: DDP склад г. Киев*

#### Заметки

Время поставки рассчитано согласно дате предложения и изменяется в зависимости от даты подтверждения заказа.

Размещая заказ, покупатель принимает предложение и все спецификации, характеристики и условия, указанные в данном документе.