

TC GASKET

Hygienic seals are used widely in virtually all sanitary applications to seal clamp connections in sanitary pipe lines.



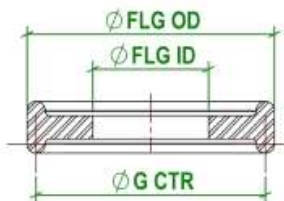
TYPE OF TRI CLAMP GASKET

- Tri Clover Silicone Gasket
- Sensor Tri Clover Gasket(SMART TC)
- Strainer Tri Clover Gasket

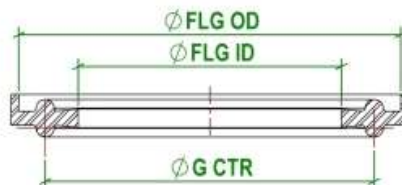
TRI-CLAMP GASKET DIMENSIONS



GASKET PROFILE FOR
SIZES WITH A 25.4mm
FLG OD ONLY



GASKET PROFILE FOR
SIZES WITH A 34.0mm
FLG OD & ABOVE
(LIPPED VERSION)



GASKET PROFILE FOR
SIZES WITH A 34.0mm
FLG OD & ABOVE
(UNLIPPED VERSION)



Nominal Size INCH	ID INCH	ID MM	OD INCH	OD MM	BEAD INCH	BEAD MM
½	0.4	10.2	0.87	22	-	-
¾	0.64	16.2	0.87	22	-	-
1	0.9	22.9	2	50.5	1.71	43.5
1½	1.39	35.3	2	50.5	1.71	43.5
2	1.88	47.8	2.52	64	2.22	56.5
2½	2.39	60.5	3.05	77.5	2.78	70.5
3	2.88	73.1	3.58	91	3.29	83.5
4	3.85	97.7	4.67	119	4.33	110
6	5.8	147.2	6.57	167	6.16	156.5
8	7.8	198	8.56	217.4	8.15	207
10	9.74	247.4	10.55	268	10.12	257
12	11.74	298.2	12.56	319	12.17	309

APPLICATION:-

- As leak proof solution in various industrial equipment.
- Hydraulic machineries, Pneumatic machines, pumps etc.
- Pneumatic machines, pumps etc.
- Food and drug plant hoses.
- Used for sealing TC flanges
- Biotech, Industrial, Pharma, Brewing,.
- Essential oil extraction, Dairy processing
- Food Industry, Dairy Industry, Pharma Industry, Chemical Industry

KEY FEATURES:-

- Conforms to FDA 21 CFR.111.2600.
- Conforms to USP Class VI Requirements.
- 100% pure silicone Transparent Rubber.
- Shore Hardness 70 +/-5 OR as per customer requirement.
- Available in red, Orange, White and Transparent colors.
- Optimal chemical and temperature resistance.
- Free from animal-derived ingredients (ADI-free).
- Meets FDA, Medical Standards, RoHS complaint.
- Excellent long-term sealing performance.
- Available in Silicone, FKM, PTFE and metal detectable elastomer materials.
- Parts manufactured to BS4825, ISO2852 and DIN32676 standard sizes.
- Tooling with non-wetted part lines to prevent bacterial build-up.
- Measure temperature, take a sample, or dose chemicals into your process line in smart gasket use.
- The smart gaskets have molded ports that allow either a thermocouple or sampling tubes to be inserted into the line

Technical Data:-

Physical Properties	Test Method	Units	Typical Values
Specific Gravity	DIN EN ISO 1183-1 A	g/cm ³	1.1
Hardness, Shore A	D2240	SHORE A	60
Tensile strength psi(Mpa)	D412	MPA	11
Elongation (%)	D412	%	440
Tear Resistance, Die B lbf./in. (KN/m)	D624	KN/M	24
Tensile Modulus @100%psi(Mpa)	-	-	-
Temperature Rating	-	°C	-40 TO 220
Compression set 22h@175°C	ASTM D395 method B	%	31