

Product/Attribute	GYLON® BIO-PRO PLUS™ 	GYLON BIO-PRO® 	Tuf-Flex® 	Tuf-Steel® 	PTFE 	PTFE/EPDM Envelope 	PTFE/FKM Envelope 	Peroxide Cured FKM Next Generation 	Peroxide Cured EPDM Next Generation 	Platinum Cured Silicone Next Generation 	Buna 
Temperature Range	-268°C to 260°C (-450°F to 500°F)	-268°C to 260°C (-450°F to 500°F)	-29°C to 150°C (-20°F to 300°F)	-198°C to 288°C (-325°F to 550°F)	-73°C to 260°C (-100°F to 500°F)	-30°C to 150°C (-22°F to 300°F)	-30°C to +170°C (-22°F to 338°F)	-34°C to 205°C (-29°F to 300°F)	-30°C to 150°C (-22°F to 300°F)	-40°C to 230°C (-40°F to 450°F)	-34°C to 93°C (-29°F to 200°F)
Pressure Range	up to 55 bar	up to 55 bar	Clamp****	Clamp****	Clamp****	Clamp****	Clamp****	Clamp****	Clamp****	Clamp****	Clamp****
Vacuum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Chemical Resistance	Universal*	High	Universal*	High	Universal*	Universal*	Universal*	Medium to High	Medium	Medium	Low to Medium
Material	100% PTFE	PTFE + Pigment + Filler	PTFE + EPDM	PTFE + 316SS	100% PTFE	PTFE/EPDM	PTFE/FKM	100% FKM Peroxide Cured	100% EPDM Preoxide Cured	100% Silicone Platinum Cured	100% Buna
Traceability	Yes	On Demand	On Demand	On Demand	On Demand	On Demand	On Demand	Yes	Yes	Yes	On Demand
CIP Processes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SIP Processes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimensional Stability	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy removal/non-stick	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shelf Life	Unlimited	Unlimited	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years
Service Life	Unlimited**	Unlimited**	Application Dependent***	Application Dependent***	Application Dependent***	Application Dependent***	Application Dependent***	Application Dependent***	Application Dependent***	Application Dependent***	Application Dependent***
TA-LUFT + Blowout	Yes	No	No	No	No	No	No	No	No	No	No
FDA Compliance	FDA 21 CFR177.1550	FDA 21 CFR177.1550	FDA 21 CFR177.1550	FDA 21 CFR177.1550	FDA 21 CFR177.1550	FDA 21 CFR177.1550	FDA 21 CFR177.1550	FDA 21 CFR177.2600	FDA 21 CFR177.2600	FDA 21 CFR177.2600	FDA 21 CFR177.2600
EC1935/2400 & EC2023/2006	Yes + GMP	Yes + GMP	Yes + GMP	Yes + GMP	No	No	No	Yes + GMP	Yes + GMP	Yes + GMP	No
USP Class VI	<87> & <88> at 121°C	<87> & <88> at 121°C	<87> & <88> at 121°C	<87> & <88> at 121°C	<87> & <88> at 121°C	<87> & <88> at 121°C	<87> & <88> at 70°C	<87> & <88> at 121°C	<87> & <88> at 121°C	<87> & <88> at 121°C	No
Phthalate Free	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Silicone Free	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
BAM Tested	Yes	Yes	No	No	No	No	No	No	No	No	No
ADI Free	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Hydrocheck	No	Yes	No	No	No	No	No	No	No	No	No
3A 18-30	No	No	No	No	No	No	No	Class I	Class II	Class I	Class III
3A 20-27	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Hygienic Design per EHEDG	Yes	No	No	No	No	No	No	No	No	No	No
NSF 61	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
62.Bfr	Yes	No	No	No	No	No	No	No	No	No	No
Application	Pharma, Food, SIP, CIP, Hygienic Design, Ultra-Low Adhesion, High Purity Demands, Sustainable Cleaning	Pharma, Food, Rough SIP & CIP, Well Known and Proven Gasket	Pharma, Food, Rough SIP & CIP, Well Known & Proven Gasketing Material	Pharma, Food, Rough SIP & CIP, Well Known & Proven Gasketing Material	Pharma, Food, High Chemical Resistance & Temperature Range, SIP, CIP	Pharma, Food, High Chemical Resistance & Temperature Range, SIP, CIP	Pharma, Food, High Chemical Resistance & Temperature Range, SIP, CIP	Pharma, Food, Medium to High Chemical Resistance, Good Temperature Range, SIP, CIP	Pharma, Food, Medium Chemical Resistance, Good Temperature Range, SIP, CIP	Pharma, Food, Medium Chemical Resistance, Good Temperature Range, SIP, CIP	Pharma, SIP, CIP, Good Chemical Resistance

*Except certain alkali metals and fluorinating agents

**Depending on application parameters

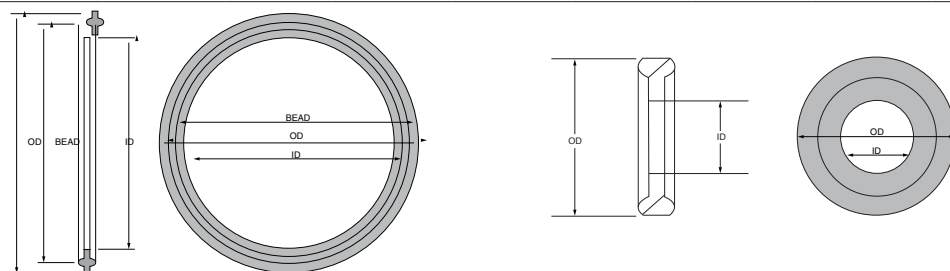
***Service life is dependent upon specific application and installment by the customer

**** Pressure Limit of the Clamp

NOTE: Properties/applications shown throughout this overview are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult us. Failure to select the proper sealing products could result in property damage and/or serious personal injury. Performance data published in this overview has been developed from field testing, customer field reports and/or in-house testing. While the utmost care has been used in compiling this overview, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice Rubber Fab is a registered trademark for packings, seals, gaskets, and other products of Rubber Fab.

ID		OD		Bead		Series A DIN32676	Series B ISO1127	Series C ASME BPE	ISO 2852	SMS 3019	BS 4825-3	SCH 5 BS	Special Size
inch	mm	inch	mm	inch	mm								
2.22	56.50	3.05	77.50	2.78	70.50		DN50						
2.26	57.40	3.05	77.50	2.78	70.50							2"	
2.38	60.40	3.05	77.50	2.78	70.50			2.5"			2.5"		
2.38	60.50	3.05	77.50	2.78	70.50				DN63.5	DN63.5			
Above sizes utilize clamp size: 13MHMM-304-250													
2.61	66.20	3.58	91.00	3.29	83.50	DN65							
2.64	67.00	3.58	91.00	3.29	83.50				DN70				
2.72	69.00	3.58	91.00	3.29	83.50							2.5"	
2.85	72.30	3.58	91.00	3.29	83.50		DN65						
2.88	73.10	3.58	91.00	3.29	83.50			3"	DN76.1	DN76.1	3"		
Above sizes utilize clamp size: 13MHMM-304-300													
3.20	81.20	4.17	106.00	3.82	97.00	DN80							
3.33	84.50	4.17	106.00	3.82	97.00		DN80						
3.35	85.10	4.17	106.00	3.82	97.00				DN88.9	DN88.9		3"	
Above sizes utilize clamp size: 13MHMM-V-304-300													
3.84	97.60	4.67	119.00	4.33	110.00			4"			4"		
3.85	97.80	4.67	119.00	4.33	110.00				DN101.6	DN101.6			
3.94	100.20	4.67	119.00	4.33	110.00	DN100							
Above sizes utilize clamp size: 13MHMM-304-400													
4.33	109.90	5.12	130.00	4.80	122.00		DN100						
4.35	110.50	5.12	130.00	4.80	122.00				DN114.3	DN114.3		4"	
Above sizes utilize clamp size: 13MHMM-V-304-400													
4.86	123.50	5.68	144.20	5.29	134.30			5"					
Above sizes utilize clamp size: 13MHMM-304-500													
4.93	125.20	6.10	155.00	5.75	146.00	DN125							
5.30	134.70	6.10	155.00	5.75	146.00		DN125						
5.35	135.90	6.10	155.00	5.75	146.00				DN139.7	DN139.7		5"	
Above sizes utilize clamp size: 13MHMM-V-304-500													
5.79	147.10	6.57	167.00	6.16	156.50			6"					
Above sizes utilize clamp size: 13MHMM-304-600													
5.91	150.20	7.20	183.00	6.85	174.00	DN150							
6.43	163.30	7.20	183.00	6.85	174.00		DN150		DN168.3	DN168.3		6"	
Above sizes utilize clamp size: 13MHMM-V-304-600													
7.78	197.60	8.56	217.40	8.15	207.00			8"					
Above sizes utilize clamp size: 13MHMM-304-800													
7.88	200.20	9.19	233.50	8.86	225.00	DN200							
8.43	214.10	9.19	233.50	8.86	225.00		DN200		DN219.1	DN219.1		8"	
Above sizes utilize clamp size: 13MHMM-V-304-800													
9.77	248.20	10.66	271.00	10.14	257.60	DN250*		10"					
Above sizes utilize clamp size: 13MHMM-304-1000													
10.49	266.50	11.32	287.60	11.00	279.40							10"	
Above sizes utilize clamp size: 13MHMM-V-304-1000													
11.81	300.00	12.56	319.00	12.17	309.00	DN300*		12"					
Above sizes utilize clamp size: 13MHMM-304-1200													
12.44	316.00	13.31	338.10	12.93	328.42							12"	
Above sizes utilize clamp size: 13MHMM-V-304-1200													

* Not included in the sanitary standard



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