

GYLON BIO-PRO™ Gasket

One gasket for food, beverage, pharmaceutical and other bioprocessing applications.

The GYLON BIO-PRO™ gasket is a controlled compression modified PTFE gasket for use in hygienic clamp fittings. This gasket is designed for FDA and bioprocessing type applications, is dimensionally stable and will not intrude into the pipe bore. Utilizing Garlock's proprietary GYLON® modified PTFE technology, the GYLON BIO-PRO™ gasket is compatible with a wide variety of chemicals and processing applications. The gasket is designed to withstand the rigors of clean-in-place (CIP) and sanitize-in-place (SIP) processes.

The GYLON BIO-PRO™ gasket withstands thermal cycling with temperatures ranging from 41°F (5°C) to 356°F (180°C) without clamp retightening.

Specifications

Process Temperatures	+41°F (5°C) to +356°F (+180°C)
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Pressure, max.*	800 psig (55 bar)
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* The GYLON modified PTFE material's flange gasket maximum pressure rating exceeds the typical pressures used in hygienic clamp fittings.

Size & Configuration

The GYLON BIO-PRO™ gasket is manufactured in various sizes to fit ASME-BPE, DIN32676, ISO 1127, BS 4825, ISO 2852, and SMS compliant hygienic clamp fittings found worldwide. Details may be found in table on reverse.



Value & Benefits

- No intrusion of gasket into process flow
- Easy to form a seal
- Easy to install and remove
- Meets FDA 21CFR177.1550 and USP Class VI requirements
- No further deformation under working conditions, thus no retightening
- Exceptional chemical compatibility and thermal cycling capabilities
- Inventory ease – one gasket for various applications
- Long shelf life
- Production date code traceability

Ideal for

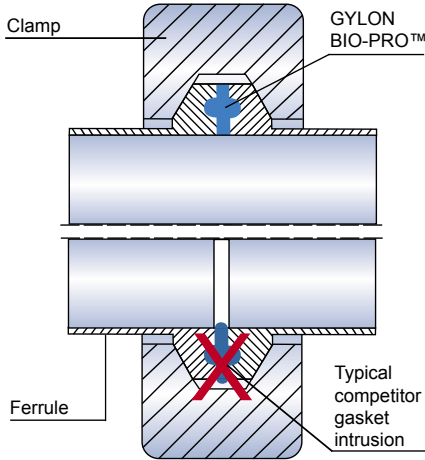
- Pharmaceutical and Bio-Pharmaceutical
- Food / Beverage
- Personal Care
- Other hygienic applications



Garlock
SEALING TECHNOLOGIES®

GYLON BIO-PRO™

Gasket Product Codes



Part Number	DIN 32676	ISO 1127	ASME-BPE	ISO 2852	SMS	BS 4825	ID x OD	
							(in)	(mm)
37354-0050			1/2"			1/2"	0.374 x 0.858	9.5 x 21.8
37354-0075			3/4"			3/4"	0.622 x 0.858	15.8 x 21.8
37354-1010	DN 10	DN 8					0.394 x 1.339	10.0 x 34.0
37354-1012		DN 10					0.551 x 1.339	14.0 x 34.0
37354-1015	DN 15						0.638 x 1.339	16.2 x 34.0
37354-1016		DN 15					0.709 x 1.339	18.0 x 34.0
37354-1017				DN 15			0.713 x 1.988	18.1 x 50.5
37354-1020	DN 20						0.787 x 1.339	20.0 x 34.0
37354-0100			1"	1"	DN 25	1"	0.870 x 1.988	22.1 x 50.5
37354-1023		DN 20					0.933 x 1.988	23.7 x 50.5
37354-1025	DN 25						1.024 x 1.988	26.0 x 50.5
37354-1027		DN 25					1.161 x 1.988	29.5 x 50.5
37354-1032	DN 32						1.260 x 1.988	32.0 x 50.5
37354-0150			1-1/2"	1-1/2"		1-1/2"	1.370 x 1.988	34.8 x 50.5
37354-1040	DN 40	DN 32					1.496 x 1.988	38.0 x 50.5
37354-1045				DN 32			1.512 x 2.520	38.4 x 64.0
37354-1046		DN 40					1.732 x 2.520	44.0 x 64.0
37354-0200			2"	2"	DN 51	2"	1.870 x 2.520	47.5 x 64.0
37354-1050	DN 50						1.969 x 2.520	50.0 x 64.0
37354-1051		DN 50					2.213 x 3.051	56.2 x 77.5
37354-0250			2-1/2"	2-1/2"	DN 63	2-1/2"	2.370 x 3.059	60.2 x 77.7
37354-1065	DN 65						2.598 x 3.583	66.0 x 91.0
37354-1066		DN 65			DN 76		2.835 x 3.583	72.0 x 91.0
37354-0300			3"	3"		3"	2.870 x 3.583	72.9 x 91.0
37354-1080	DN 80						3.189 x 4.173	81.0 x 106.0
37354-1081		DN 80					3.346 x 4.173	85.0 x 106.0
37354-0400			4"	4"	DN 101.6	4"	3.835 x 4.685	97.4 x 119.0
37354-1104					DN 104		3.913 x 4.685	99.4 x 119.0
37354-1100	DN 100						3.937 x 4.685	100.0 x 119.0
37354-1150	DN 150						5.906 x 7.205	150.0 x 183.0
37354-1200	DN 200						7.882 x 9.193	200.2 x 233.5

AUTHORIZED REPRESENTATIVE

Garlock

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WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

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