

# GYLON® BIO-PRO PLUS™

Universal sanitary gasket meeting your most critical application requirements

Manufactured from our proprietary GYLON® style 3522 modified PTFE, GYLON® BIO-PRO PLUS™ delivers best in class performance across all critical factors such as compliance, chemical compatibility, sealability, creep and cold flow. Fulfilling ASME-BPE standards for dimensional consistency, this next generation sanitary gasket ensures ease of installation and long term operational integrity in the most challenging and critical applications. GYLON® BIO-PRO PLUS™ is pre-formed and stress controlled with high manufacturing precision, helping to eliminate critical and costly contamination issues often associated with gasket recession or intrusion within hygienic couplings. With a smooth surface finish, the GYLON® BIO-PRO PLUS™ is ideal for product contact applications and is a top performer relative to both CIP and SIP cycle life, regardless of cleaning media or sterilization procedure. Our GYLON® 3522 material of construction is 100% pure PTFE, and provides full compliance with all industry standards.

## SPECIFICATIONS

<b>Process Temperatures</b>	-450°F (-268°C) to +500°F (260°C)
<b>Pressure, max.*</b>	800 psig (55 bar)

\* The GYLON® modified PTFE material's flange gasket maximum pressure rating exceeds the typical pressures used in hygienic clamp fittings.

## STANDARDS AND CERTIFICATIONS

- » 3A compliant
- » Meets FDA 21CFR177.1550
- » NSF 61 standard
- » EN 1935/2004
- » EC 10/2011
- » USP Class VI chapter 87 & 88
- » USP part 31, 281 & 661
- » TSE free
- » Phthalate free



## TRACEABILITY

- » Fully traceable from raw materials through manufacturing, packaging and supply
- » Garlock is ISO 9001:2008 certified



## KEY ATTRIBUTES

- » Sealing integrity - proprietary GYLON® resists creep and cold flow
- » Eliminates gasket recession or intrusion into the process flow
- » Complies with ASME-BPE for dimensional stability and initial fit up
- » Ease of removal with zero gasket residue
- » Exceptional chemical and thermal cycling capabilities
- » Non-additive and non-absorptive
- » Universal with unlimited shelf life - simplifies inventory and gasket selection process
- » Ideal for SIP (steam in place) & CIP (clean in place) processes

## IDEAL FOR

- » Pharmaceutical
- » Bio-Pharmaceutical
- » Food
- » Beverage
- » Dairy
- » Cosmetic & Personal Care

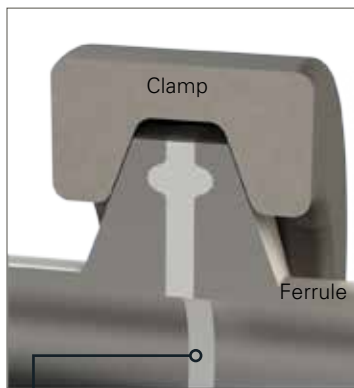
**GASKET SIZE AND CONFIGURATIONS**

Part Number	DIN 11850	ISO 1127	DIN 32676-C	ASME-BPE (2014)	SMS	BS 4825-3
37322-0050	*	*	1/2"	1/2"	*	1/2"
37322-0075	*	*	3/4"	3/4"	*	3/4"
37322-0100	*	*	1"	1"	*	1"
37322-0150	*	*	1-1/2"	1-1/2"	*	1-1/2"
37322-0200	*	*	2"	2"	*	2"
37322-0250	*	*	2-1/2"	2-1/2"	*	2-1/2"
37322-0300	*	*	3"	3"	*	3"
37322-0400	*	*	4"	4"	*	4"

\* Expanded product offering coming soon

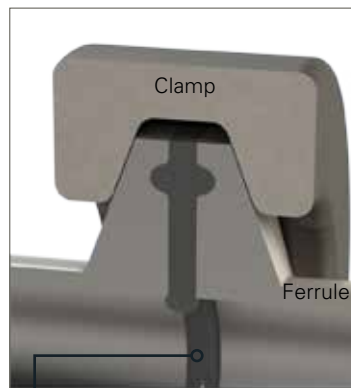
Have an urgent need? Please contact Garlock directly, [www.garlock.com](http://www.garlock.com) or register your new product idea on the aH Ha Cloud, <http://www.garlock.com/en/contact/ahha-cloud/>.

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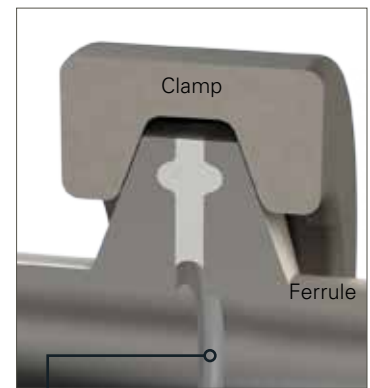
- Smooth bore
- Easy cleaning
- Free of contamination
- Dimensional stability

**ELASTOMERIC GASKET**



- ID intrusion
- Product accumulation
- Bacterial build-up
- Gasket erosion

**TRADITIONAL PTFE**



- ID recession
- Product accumulation
- Bacterial build-up
- Re-torque required