

## GYLON BIO-PRO® PLUS

Quality PTFE seals for the pharmaceutical and food industry

### Description

GYLON BIO-PRO® PLUS is a preformed gasket manufactured from GYLON® Style 3522. This high performance gasketing product is made of 100% pure PTFE and shows an excellent dimensional stability (no cold flow, no intrusion/recession, no gap extrusion). Because of the excellent hygienic design of the gasket (smooth surface, no dead-space formation, seal geometry) cleaning processes can be carried out effective and resource-efficient. GYLON BIO-PRO® PLUS is therefore especially in the Pharma- and Food industry the preferred choice and is ideal for product-contact applications.



### Main Segments

» Pharmaceutical
» Dairy - Lactose
» Food

### Certificates/Declarations\*

» 3-A (Sanitary Standard)
» FDA 21 CFR177.1550
» NSF 61 Standard
» EC1935/2004 incl. EC10/2011
» USP Class VI <87>, <88>
» USP <31>,<281>,<661>
» 62. BfR
» Phthalate free
» Silicone free
» ADI free (EMA 410/01)
» TA – Luft incl. blow-out proof

### Key Benefits

» 3-A Certified / Smooth surface (20-27)
» Hygienic Design
» Excellent cleanability of gasket (EHEDG Doc.2)
» Traceability via batch number
» High dimensional stability
» Stopped cold flow
» No intrusion/recession
» No gap extrusion
» Excellent chemical resistance **
» Masters all CIP- and SIP-cleaning processes
» Wide temperature range

### Features\*

» Temperature: -268 °C to +260 °C
» Pressure: up to 55 bar
» 100% pure PTFE (no filler)
» Production site: Germany

\* Depending on product and application details.

\*\* See Garlock resistance table.

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### Gasket dimensions, item numbers and packaging units\*\*\*

DIN 11850 (DIN 32676: Row A) (DIN 11866 Row A)			
Item no.	DN	ID [mm]	OD [mm]
FAB08-12033	6 <sub>T1</sub>	6,2	21,8
FAB08-12029	8 <sub>T1</sub>	8,2	21,8
FAB08-12034	10	10,2	34
FAB08-12035	15	16,2	34
FAB08-12036	20	20,2	34
FAB08-12037	25	26,2	50,5
FAB08-12038	32	32,2	50,5
FAB08-12039	40	38,2	50,5
FAB08-12040	50	50,2	64
FAB08-12041	65	66,2	91
FAB08-12042	80	81,2	106
FAB08-12043	100	100,2	119
FAB08-12044	125	125,2	155
FAB08-12045	150	150,2	183
FAB08-12046	200	200,2	233,5

ISO 1127 (DIN 32676: Row B) (DIN 11866 Row B)			
Item no.	DN	ID [mm]	OD [mm]
FAB08-12047	10,2 <sub>T1</sub>	7,2	21,8
FAB08-12012	13,5 <sub>T1</sub>	10,5	21,8
FAB08-12013	17,2 <sub>T1</sub>	14,2	21,8
FAB08-12014	21,3	18,3	50,5
FAB08-12015	26,9	23,9	50,5
FAB08-12016	33,7	29,9	50,5
FAB08-12017	42,4	38,6	64
FAB08-12018	48,3	44,5	64
FAB08-12019	60,3	56,5	77,5
FAB08-12020	76,1	72,3	91
FAB08-12021	88,9	84,5	106
FAB08-12048	114,3	109,9	130
FAB08-12049	139,7	134,7	155
FAB08-12050	168,3	163,3	183
FAB08-12051	219,1	214,1	233,5

ASME BPE - 2014 (DIN 32676: Row C) (DIN 11866 Row C)			
Item no.	DN	ID [mm]	OD [mm]
FAB08-12022	1/4" <sub>T1</sub>	4,8	21,8
FAB08-12024	3/8" <sub>T1</sub>	8	21,8
FAB08-12001*	1/2" <sub>T1</sub>	9,6	21,8
FAB08-12002*	3/4" <sub>T1</sub>	16	21,8
FAB08-12003*	1"	22,3	50,5
FAB08-12004*	1-1/2"	35	50,5
FAB08-12005*	2"	47,7	64
FAB08-12006*	2-1/2"	60,4	77,5
FAB08-12007*	3"	73,1	91
FAB08-12008*	4"	97,6	119
FAB08-12023	6"	147,1	167
-	8"	197,6	217,7

\* Equal to BS 4825-3 (British Standard)

ISO 2852			
Item no.	DN	ID [mm]	OD [mm]
FAB08-12055	12	10,2	34
FAB08-12072	12,7	10,9	34
FAB08-12073	17,2	15,4	34
-	21,3	19,5	34
FAB08-12030	25	22,8	50,5
-	33,7	31,5	50,5
-	38	35,8	50,5
-	40	37,8	64
-	51	48,8	64
FAB08-12031	63,5	60,5	77,5
-	70	67	91
FAB08-12032	76,1	73,1	91
-	88,9	85,1	106
FAB08-12061	101,6	97,8	119
FAB08-12063	114,3	110,5	130
-	139,7	135,9	155
FAB08-12065	168,3	163,3	183
FAB08-12067	219,1	214,1	233,5

SMS 3019			
Item no.	DN	ID [mm]	OD [mm]
FAB08-12056	12	10	34
FAB08-12057	18	16,2	34
FAB08-12058	25	22,8	50,5
-	33,7	31,5	50,5
-	38	35,8	50,5
-	51	48,8	64
FAB08-12059	63,5	60,5	77,5
FAB08-12060	76,1	73,1	91
-	88,9	85,1	106
FAB08-12062	101,6	97,8	119
FAB08-12064	114,3	110,5	130
-	139,7	135,9	155
FAB08-12066	168,3	163,3	183
FAB08-12068	219,1	214,1	233,5

Packaging Unit (PU)	
DN	Pieces per PU
1/4" <sub>T1</sub> bis 3/4" <sub>T1</sub>	50
6 <sub>T1</sub> bis 8 <sub>T1</sub>	50
13,5 <sub>T1</sub>	50
1" bis 2-1/2"	25
10 bis 60,3	25
3" bis 4"	10
65 bis 101,6	10
114,3 bis 139,7	5
6"	1
150 bis 219,1	1

\*\*\* For further information on gasket dimensions without a listed item number please contact Garlock's Static Seal department.

Note:  
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. While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice GARLOCK is a registered trademark for packings, seals, gaskets, and other products of Garlock.  
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