

GYLON[®] BIO-PRO PLUS

Quality seals for the pharmaceutical and food industries

GYLON[®] BIO-PRO PLUS is a preformed gasket manufactured from GYLON[®] Style 3522 (translucent). 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 effectively and resource-efficient. GYLON[®] BIO-PRO PLUS is the gasket of choice in the Pharmaceutical and Food industries and is ideal for product-contact applications.



MAIN SEGMENTS

- Pharmaceutical
- Biotechnology
- Food

CERTIFICATES/DECLARATIONS

- 3A Sanitary Standards
- FDA 21 CFR177.1550
- NSF 61 Standard
- EC1935/2004 incl. EC10/2011
- GB 4806.7-2016
- USP Class VI <87>, <88>
- USP <31>, <281>, <661>
- 62. BfR
- Phthalate free
- Silicone free
- ADI free (EMEA 410/01)
- TA – Luft incl. blow-out proof

KEY BENEFITS

- 3A Certified/ Smooth surface (20-27)
- Hygienic design
- Excellent cleanability of gasket (EHEDG Doc.2)
- Traceability via batch number (engraved)
- High dimensional stability
- Stopped cold flow
- No intrusion/recession
- No gap intrusion
- Excellent chemical resistance
- Masters all CIP and SIP cleaning processes
- Wide temperature range
-268 °C (-450 °F) to 260 °C (500 °F)

GYLON[®] BIO-PRO PLUS

Gasket Dimensions and Item Numbers

DIN11850 (DIN32676 Row A) (DIN 11866 Row A)			
Item No.	DN	ID (mm)	OD (mm)
DIN32676-06-BIO-PRO-PLUS	6	6,2	21,8
DIN32676-08-BIO-PRO-PLUS	8	8,2	21,8
DIN32676-10-BIO-PRO-PLUS	10	10,2	34
DIN32676-15-BIO-PRO-PLUS	15	16,2	34
DIN32676-20-BIO-PRO-PLUS	20	20,2	34
DIN32676-25-BIO-PRO-PLUS	25	26,2	50,5
DIN32676-32-BIO-PRO-PLUS	32	32,2	50,5
DIN32676-40-BIO-PRO-PLUS	40	38,2	50,5
DIN32676-50-BIO-PRO-PLUS	50	50,2	64
DIN32676-65-BIO-PRO-PLUS	65	66,2	91
DIN32676-80-BIO-PRO-PLUS	80	81,2	106
DIN32676-100-BIO-PRO-PLUS	100	100,2	119
DIN32676-125-BIO-PRO-PLUS	125	125,2	155
DIN32676-150-BIO-PRO-PLUS	150	150,2	183
DIN32676-200-BIO-PRO-PLUS	200	200,2	233,5

ASME BPE - 2014 (DIN32676 Row C) (DIN11866 Row C)			
Item No.	DN	ID (mm)	OD (mm)
42MP-BIO-PRO-PLUS-025 ₁₎	1/4"	4,8	21,8
42MP-BIO-PRO-PLUS-0375 ₁₎	3/8"	8	21,8
42MP-BIO-PRO-PLUS-050 ₁₎₂₎	1/2"	9,6	21,8
42MP-BIO-PRO-PLUS-075 ₁₎₂₎	3/4"	16	21,8
40MP-BIO-PRO-PLUS-100 ₂₎	1"	22,3	50,5
40MP-BIO-PRO-PLUS-150 ₂₎	1 1/2"	35	50,5
40MP-BIO-PRO-PLUS-200 ₂₎	2"	47,7	64
40MP-BIO-PRO-PLUS-250 ₂₎	2 1/2"	60,4	77,5
40MP-BIO-PRO-PLUS-300 ₂₎	3"	73,1	91
40MP-BIO-PRO-PLUS-400 ₂₎	4"	97,6	119
40MP-BIO-PRO-PLUS-600 ₂₎	6"	147,1	167
40MP-BIO-PRO-PLUS-800 ₃₎	8"	197,6	217,7

SMS 3019			
Item No.	DN	ID (mm)	OD (mm)
SMS3019-12-BIO-PRO-PLUS	12	10	34
SMS3019-18-BIO-PRO-PLUS	18	16,2	34
SMS3019-25-BIO-PRO-PLUS	25	22,8	50,5
SMS3019-33,7-BIO-PRO-PLUS	33,7	31,5	50,5
SMS3019-38-BIO-PRO-PLUS	38	35,8	50,5
SMS3019-42-BIO-PRO-PLUS	42	39,5	50,5
SMS3019-48,3-BIO-PRO-PLUS	48,3	45,1	64
SMS3019-51-BIO-PRO-PLUS	51	48,8	64
SMS3019-63,5-BIO-PRO-PLUS	63,5	60,5	77,5
SMS3019-76,1-BIO-PRO-PLUS	76,1	73,1	91
SMS3019-88,9-BIO-PRO-PLUS	88,9	85,1	106
SMS3019-101,6-BIO-PRO-PLUS	101,6	97,8	119
SMS3019-114,3-BIO-PRO-PLUS	114,3	110,5	130
SMS3019-139,7-BIO-PRO-PLUS	139,7	135,9	155
SMS3019-168,3-BIO-PRO-PLUS	168,3	163,3	183
SMS3019-219,1-BIO-PRO-PLUS	219,1	214,1	233,5

ISO1127 (DIN32676 Row B) (DIN11866 Row B)			
Item No.	DN	ID (mm)	OD (mm)
ISO1127-06-BIO-PRO-PLUS	10,2 _{r1}	7,2	21,8
ISO1127-08-BIO-PRO-PLUS	13,5 _{r1}	10,5	21,8
ISO1127-10-BIO-PRO-PLUS	17,2 _{r1}	14,2	21,8
ISO1127-15-BIO-PRO-PLUS	21,3	18,3	50,5
ISO1127-20-BIO-PRO-PLUS	26,9	23,9	50,5
ISO1127-25-BIO-PRO-PLUS	33,7	29,9	50,5
ISO1127-32-BIO-PRO-PLUS	42,4	38,6	64
ISO1127-40-BIO-PRO-PLUS	48,3	44,5	64
ISO1127-50-BIO-PRO-PLUS	60,3	56,5	77,5
ISO1127-65-BIO-PRO-PLUS	76,1	72,3	91
ISO1127-80-BIO-PRO-PLUS	88,9	84,5	106
ISO1127-100-BIO-PRO-PLUS	114,3	109,9	130
ISO1127-125-BIO-PRO-PLUS	139,7	134,7	155
ISO1127-150-BIO-PRO-PLUS	168,3	163,3	183
ISO1127-200-BIO-PRO-PLUS	219,1	214,1	233,5

ISO2852			
Item No.	DN	ID (mm)	OD (mm)
ISO2852-12-BIO-PRO-PLUS	12	10,2	34
ISO2852-12,7-BIO-PRO-PLUS	12,7	10,9	34
ISO2852-17,2-BIO-PRO-PLUS	17,2	15,4	34
ISO2852-21,3-BIO-PRO-PLUS	21,3	19,5	34
ISO2852-25-BIO-PRO-PLUS	25	22,8	50,5
ISO2852-33,7-BIO-PRO-PLUS	33,7	31,5	50,5
ISO2852-38-BIO-PRO-PLUS	38	35,8	50,5
ISO2852-40-BIO-PRO-PLUS	40	37,8	64
ISO2852-51-BIO-PRO-PLUS	51	48,8	64
ISO2852-63,5-BIO-PRO-PLUS	63,5	60,5	77,5
ISO2852-70-BIO-PRO-PLUS	70	67	91
ISO2852-76,1-BIO-PRO-PLUS	76,1	73,1	91
ISO2852-88,9-BIO-PRO-PLUS	88,9	85,1	106
ISO2852-101,6-BIO-PRO-PLUS	101,6	97,8	119
ISO2852-114,3-BIO-PRO-PLUS	114,3	110,5	130
ISO2852-139,7-BIO-PRO-PLUS	139,7	135,9	155
ISO2852-168,3-BIO-PRO-PLUS	168,3	163,3	183
ISO2852-219,1-BIO-PRO-PLUS	219,1	214,1	233,5

1) 42: Part designation number for mini size gaskets

2) Equal to BS 4825-3 (British Standard)

3) Only on request

For further information on gasket dimensions without a listed item number please contact Rubber Fab.

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