

GYLON BIO-ASEPT®

Quality PTFE seals for the pharmaceutical and food processing industry

Description

GYLON BIO-ASEPT® is a preformed gasket manufactured from GYLON® Style 3504 (blue) to seal flange connections according to DIN 11853 (hygienic connections) and DIN 11864 (aseptic connections). This high performance gasketing product shows an excellent chemical resistance and is therefore suited to handle all CIP- and SIP-cleaning processes. The dimensional stability is outstanding and guarantees a flush mounting of the seal. GYLON BIO-ASEPT® is therefore especially in the Pharma and Food industry the preferred choice and is ideal for product-contact applications.



Main Segments

» Pharmaceutical
» Food

Certificates/Declarations*

» FDA 21 CFR177.1550
» EC1935/2004 incl. EC10/2011
» USP Class VI <87>, <88>
» USP <31>, <281>, <661>
» BAM tested
» Phthalate free
» Silicone free
» ADI free (EMA 410/01)
» Hydrocheck

Key Benefits

» High dimensional stability
» Stopped cold flow
» No intrusion/recession
» No gap extrusion
» Excellent chemical resistance**
» Masters all CIP- and SIP-cleaning processes
» Excellent cleanability of gasket
» Wide temperature range
» High pressure & vacuum duties

Features*

» Temperature: -268 °C to +260 °C
» Pressure: up to 55 bar
» Filler: Aluminosilicate microspheres
» Production site: Germany

* Depending on product and application details.

** See Garlock resistance table.

GYLON BIO-ASEPT®

Quality PTFE seals for the pharmaceutical and food processing industry

Gasket dimensions and item numbers***

DIN 11864 and DIN 11853, Row A, Form A				DIN 11864 and DIN 11853, Row B, Form A				DIN 11864 and DIN 11853, Row C, Form A			
DIN 11866 Row A				DIN 11866 Row B				DIN 11866 Row C			
Item no.	DN	ID [mm]	T [mm]	Item no.	DN	ID [mm]	T [mm]	Item no.	DN	ID [mm]	T [mm]
FAB09-10010	10	12	3,5	FAB09-10119	13,5	12	3,5	FAB09-10169	1/2"	12	3,5
FAB09-10011	15	18	3,5	FAB09-10158	17,2	16	3,5	FAB09-10170	3/4"	18	3,5
FAB09-10012	20	22	3,5	FAB09-10020	21,3	20	3,5	FAB09-10162	1"	24	3,5
FAB09-10013	25	28	3,5	FAB09-10021	26,9	26	3,5	FAB09-10171	1,5"	37	5
FAB09-10014	32	34	5	FAB09-10022	33,7	32	5	FAB09-10172	2"	50	5
FAB09-10015	40	40	5	FAB09-10023	42,4	40,5	5	FAB09-10173	2,5"	62	5
FAB09-10016	50	52	5	FAB09-10024	48,3	46,5	5	FAB09-10174	3"	75	5
FAB09-10017	65	68	5	FAB09-10025	60,3	58,5	5	FAB09-10175	4"	100	5
FAB09-10018	80	83	5	FAB09-10026	76,1	73,5	5				
FAB09-10019	100	102	5	FAB09-10027	88,9	86,5	5				
FAB09-10176	125	127	5	FAB09-10190	114,3	111,0	5				
FAB09-10179	150	152	5								

*** 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.
 © Garlock Inc 2022. All rights reserved worldwide.

GARLOCK GMBH

an Enpro Company

Falkenweg 1, 41468 Neuss, Germany

+49 2131 349 0

garlockgmbh@garlock.com

www.garlock.com

Garlock Sealing Technologies

Garlock USA

Garlock Australia

Garlock Canada

Garlock China

Garlock Germany

Garlock India

Garlock de México

Garlock New Zealand

Garlock Singapore