

GYLON BIO-ECO[®] PLUS

Quality PTFE seals for the pharmaceutical and food processing industry

Description

Due to a restructured 100% PTFE in conjunction with ultra smooth surface constitution GYLON BIO-ECO[®] PLUS provides unrivaled sealing and cleaning characteristics for the most critical process applications. Inhibited cold flow as well as almost universal chemical resistance provide a reliable solution for the most demanding production lines in the pharmaceutical industry.



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-ECO® PLUS

Dimensions for diary screw coupling in accordance with DIN 11851 and SMS 1149

Material: GYLON® Style 3522

Gasket dimensions and item numbers ***

(DIN 11851, Model M2)					
Artikelnummer	DN	Ø d [mm]	Ø d ₁ [mm]	Ø D [mm]	T [mm]
FAB09-12021	10	10,5	13	20	3,8
FAB09-12022	15	16,5	19	26	3,8
FAB09-12023	20	20,5	24	33	3,8
Ask Garlock	25	26,5	31	40	4,8
FAB09-12024	32	32,5	37	46	4,8
FAB09-12025	40	39,5	43	52	4,8
FAB09-12026	50	50,5	55	64	4,8
FAB09-12027	65	66,5	72	81	4,8
FAB09-12028	80	81,5	86	95	4,8
FAB09-12029	100	100,5	105	114	6,4
FAB09-12030	125	125	131	142	6,4
FAB09-12031	150	150	156	167	6,4

Further sizes on request

*** 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 2021. 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