

Letter of conformance

FOOD SAFE - EC1935/2004, EC 10/2011conformity

Garlock GmbH
Falkenweg1
41468 Neuss - GERMANY

We hereby confirm, our material

GYLON® white Style 3510 and GYLON EPIX® Style 3510 EPX (printed/unprinted, sheet, cut and deformed goods) and therewith including the product series GYLON® Style 3503 and GYLON EPIX® Style 3503 (un-colored and un-labeled GYLON® Style 3510 / GYLON EPIX® Style 3510) complies with the following regulations and laws in its current version as listed below:

- European Regulation (EC) No 1935/2004* with relevant requirements of regulation (EC) No 10/2011
- Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and animal feed code - LFGB) with the relevant requirements of the German Consumer Goods Ordinance
- BfR memorandum on the examination of high polymers No.62
- FDA 21 CFR 177.1550 They meet ingredient and extract requirements. The fillers are also acceptable under 21CFR177.2600 and coloring agents (where used) under 21CFR178.3297.

The overall migration as well as the specific migration are below the legal limit values and in case of an application in accordance with the specifications. Compliance with the overall migration limits for all type of foods testing to simulant A, B and D2 has been performed.

All Monomers and Additives which are used during production are listed within Annex I of EC10/2011, no "Dual Use" additives are added. Above mentioned materials are fully synthetic and only the following Substances with a limitation and/or specification are employed in the products mentioned above:

Substance		Limitation (SML)
Tetrafluoroethylene (CAS 116-14-3)	not detectable	smaller 0,05 mg/kg
Perfluoro propyl perfluoro vinylether (CAS 1623-05-8)	not detectable	smaller 0,05 mg/kg

Thus, the above mentioned materials may be used safely for gaskets which are used in the production of foodstuffs and may stand in direct contact with dry, aqueous, acid and fatty foodstuffs.

**This Material also is used within process and industries, which are not rated to EC1935/2004 and only is delivered with traceability under request within ordering process.*

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Garlock China
Garlock Germany
Garlock India

Garlock de México
Garlock New Zealand
Garlock Singapore

Specification regarding the intended use:

- Kind of foodstuffs or procedure for which the material is suitable:
 - beverages: non-alcoholic and alcoholic drinks up to undenaturated ethyl alcohol
 - corn, cereal products, pastry products, biscuits, cakes and other baked goods, dry, fresh,
 - chocolate, sugar and products obtained from it, confectioneries, in solid and in past form,
 - fruit, vegetables and products obtained from it, in oily medium, in past or cream form, with a pH value of over 4,5
 - fats and oils
 - animal products and eggs with a pH value of over 4,5
 - dairy products with an pH value of over 4,5, milk products, natural cheese, preserved cheese, products
 - Various products: fried or roasted foodstuffs, preparations for the cooking of soups, stocks (liquid, solid or powder), fritters and the like, of animal origin, powdered or dried, with fatty character, mustard, sandwiches, bread and pizza, any kind of foodstuff with fatty substances on the surface, Dried food with fatty surfaces, Cocoa paste, Spices and seasoning in oily media such as pesto, curry paste, concentrated extracts with an alcohol content of at least 6%, cacao, coffee, aromatic herbs, spices and condiments in a natural state and in oily medium, each with pH value of over 4,5
- Duration and temperature of the treatment and storage when in contact with the foodstuff
 - High temperature applications with dry, aqueous and fatty foodstuffs up to 2 hours at temperatures of up to 175°C as well as long-term storage at room temperature and below
- Ratio between the surface in contact with the foodstuff and the volume, based on which the compliance of the material or article was determined.
 - 6 dm² surface / 1 kg foodstuff

This letter of conformance represents the latest technical standard and has an unlimited validity. It will be renewed in case of significant changes in composition or production that influence the migration of the material or if new scientific evidences emerge.

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Neuss, 19th October 2021 R. Kulesa, Senior Application Engineer