

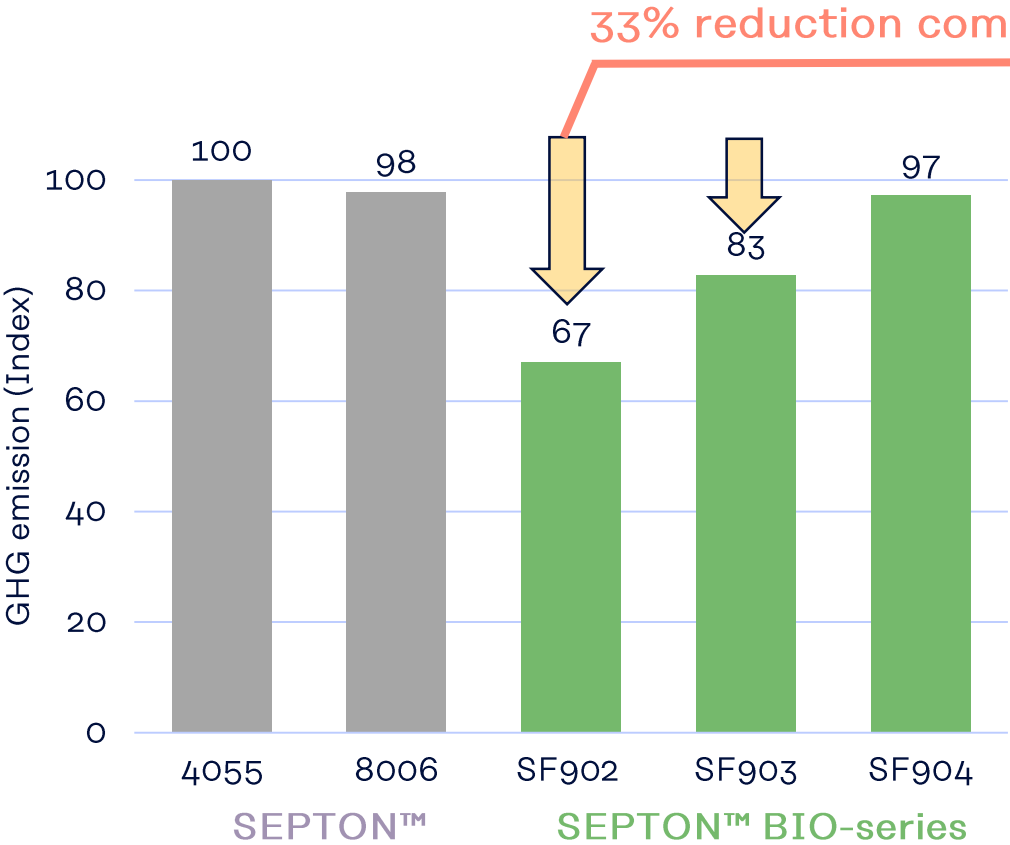
Life Cycle Assessment (LCA) Information of SEPTON™

Elastomer R&D department
Elastomer division

kuraray

Life Cycle Assessment (LCA) Information of SEPTON™

- Comparison of Greenhouse Gas (GHG) Emissions
- SEPTON™ BIO-series SF902 and SF903 are expected to reduce GHG emission.



Method for Calculation:

- Calculation principles and framework: ISO14040:2006 and ISO14044:2006
- Lifecycle Inventory database: IDEA (Inventory Database for Environmental Analysis) version 2.3
- LCIA model: IPCC AR5 100a

System Boundaries:

- Cradle to gate
- Biogenic carbon absorption is included.
- Incineration and transportation to customer sites are not included.

Assumptions and Limitations:

- LCA for SEPTON™ BIO-series was conducted based on the production conditions expected by Kuraray at target volumes.
- This LCA information may be subject to revision as new knowledge and experience becomes available.
- Kuraray makes no warranties and assumes no liability in connection with any use of this LCA information.

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Precautions should be taken in handling and storage. Please refer to the appropriate Safety Data Sheet for further safety information. In using SEPTON™ and HYBRAR™, please confirm related laws and regulations, and examine its safety and suitability for the application.

For medical, health care and food contact applications, please contact your Kuraray representative for specific recommendations. Even so, users must conduct their own assessment, revisions, registrations as well rely in their own technical and legal judgment to establish the safety and efficacy of their compound and/or end product with SEPTON™ and HYBRAR™ for any application. SEPTON™ and HYBRAR™ should not be used in any devices or materials intended for implantation in the human body. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

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