



Sempack® is a flexible pouch with a conic shape which can stand with the head up or down.

This packaging is inspired from pastry bag and can contain many kind of products, from liquid to pasty or powders.



Designed for...



Gathering the best advantages of current packs



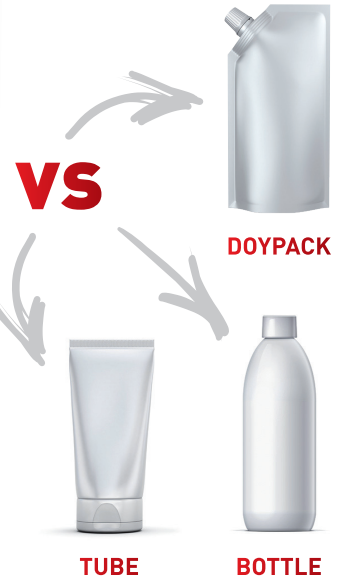
Providing a "service-packaging" which suits to professionals and individuals



Creating an eco-responsible product



Offering an alternative packaging



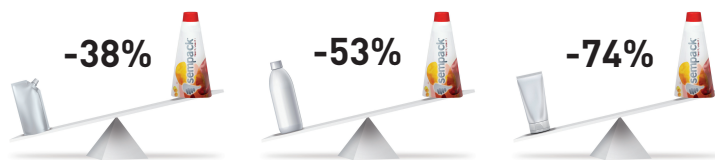
Sempack's environmental assets

* from a study made on Food products

Best restitution rate



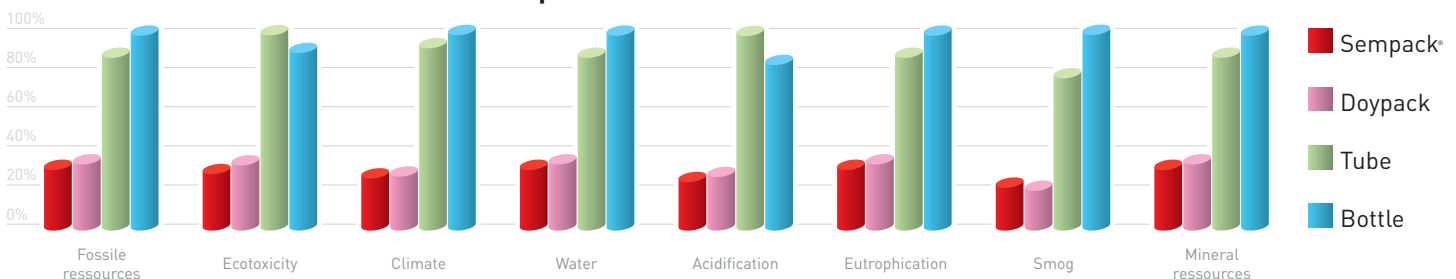
Lighter, less material consumption



Ultra compressible 83% reduction when empty



Sempack® has a lower environmental



GENERAL APPROACH : Life Cycle Analysis of a standard Sempack compared to a "typical" bottle, tube and doypack (determined with a benchmark of 4 doypacks, 6 bottles and 7 tubes). The assessment has been realised with 4 design indicators and 8 environmental indicators: fossil resources depletion (MJ) and mineral resources depletion (kg Sb eq.), ecotoxicity (CTUe), GWP (kg CO2 eq.), water consumption (m3), acidification (mol H+ eq.), marine eutrophication (kg N eq.), photochemical oxidation (kg NMVOC). Complete study (Food, Cosmetic and Home Care) available at EVEA Conseil.

Main hypothesis: Food products and industrial products are not fluids - Cosmetic products are fluids - Final transportation: 1100km - Every closing elements are recycled (caps) - The bottle is recycled - Average scenario of household packaging wastes treatment in Europe. Sources: LCA realised by EVEA Conseil (www.evea-conseil.com) in 2016 with SimaPro 8.2.2 software and Ecoivent 3.2. Database. Methods: ILCD 1.08 adjusted with IPCC 2013 1.02, CML non baseline 3.02, CED 1/09, and ReCiPe Midpoint H 1.12.