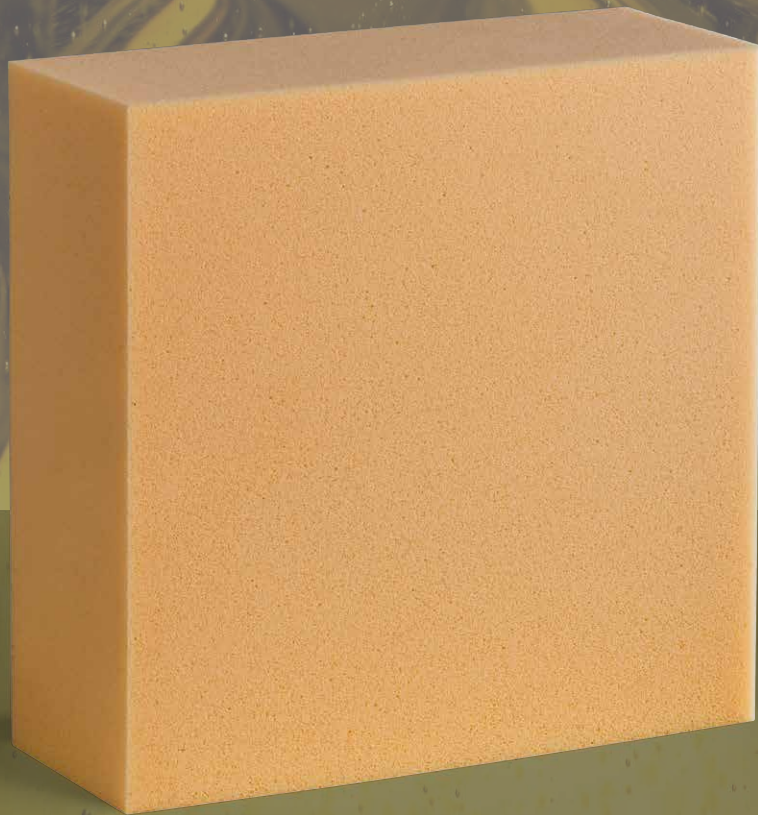


foam.hybrid

foam.hybrid verde

**COMFORT
MEETS
SUSTAINABILITY**



NEVEON

The Future of Foam

THE POWER OF REPLENISHABLE RAW MATERIALS

HIGH RESILIENT FOAM PRODUCTS FOR COMFORTABLE LIVING

As a science, ergonomics is concerned with the task of improving the conditions in which people live and work in such a way that their health, wellbeing and achievement potential are retained. For both living and sleeping areas, this means the systematic development of anatomically correct designs and materials that ensure optimum comfort.

INNOVATIVE FOAM FOR THE ENTIRE LIVING AREA

Under the brand name **foam.hybrid verde**, we produce open-cell foams that are used in upholstered furniture and mattresses. The gel-like pressure distribution and excellent resilience of our **foam.hybrid verde** foams result in the combination of the advantages of viscoelastic and high resilient foam. The result is an innovative product that ensures comfortable sitting, a restful night's sleep and a high degree of mobility.

LASTING SITTING AND LYING COMFORT

In addition, our **foam.hybrid verde** foams employ renewable raw materials, which replace some fossil substances. We thus not only contribute to environmental protection, but also at the same time offer a new sitting and lying feeling with maximum comfort.

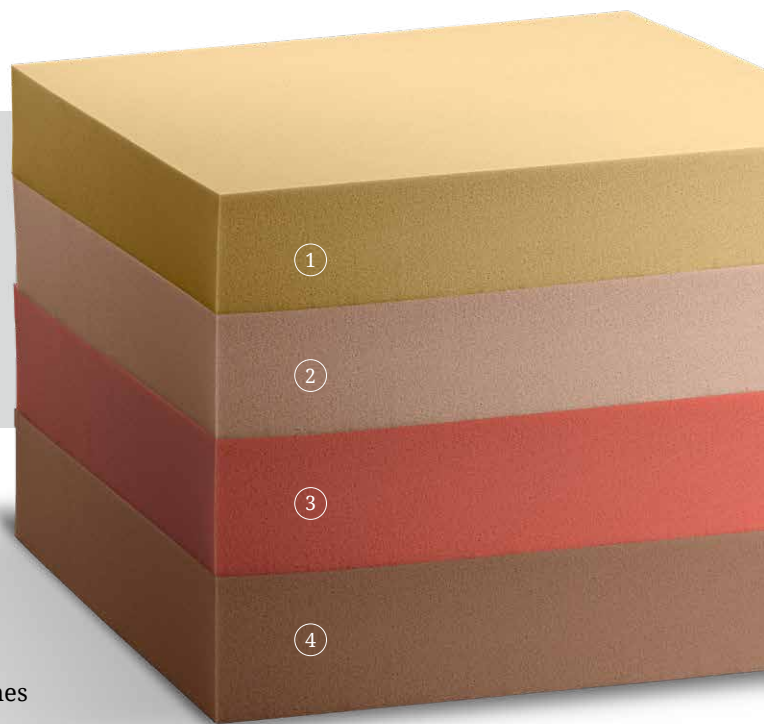
Our foams in the **foam.hybrid verde** series are made of castor oil and thus of a raw material, which emanates directly from plants and does not require any additional chemical processing. Consequently, depending upon the type and quantity of foam used, we improve the CO₂ factor by 15 to 25 %.

ADVANTAGES

- Elasticity of around 40% results in gel- or latex-like comfort.
- High durability underpinned by an above-average wet compression set.*
- Environment-friendly and resource-conserving production through the use of vegetable oil.
- Combination of the best properties of viscoelastic and high resilient foam.
- Open-pored cell structures enable body-friendly climate control and pleasant temperature regulation.
- Allergy-friendly, form stability and elasticity.
- Ergonomically correct lying due to perfect cutting technology.
- Highest product quality. The foam not only meets the OEKO-TEX® STANDARD 100, but NEVEON also possesses CertiPUR, EN ISO 9001: 2000 and EN ISO 14001:2004.

* Wet Compression Set according to Renault 1637 Mod. 2

foam .hybrid verde



TEST CERTIFIED TOP QUALITY

- 98 out of 100 points
- In the comparative test according to LGA quality guidelines (mattress core with cover)
- Height loss in load change test: 3.9 mm

QUALITIES

LOAD CHANGE > 100,000 CYCLES

Quality	RG (kg/m ³)	STH 40 % (kPa)	Elasticity (%)	Tear strength (kPa)	WCS (%)	Height change (%)	Hardness change (%)
① Y4015 B2O Vanilla	38–42	1.1–1.5	> 45 %	> 100	< 8 %	< 2 %	< 4 %
② Y4225 B2O Ginger	41–45	2.2–2.7	> 35 %	> 80	< 6 %	< 2 %	< 10 %
③ Y4235 B2O Cinnamon	41–45	2.9–3.6	> 35 %	> 80	< 6 %	< 2 %	< 10 %
④ Y4245 B2O Chestnut	41–45	3.5–4.4	> 35 %	> 80	< 6 %	< 2 %	< 10 %

MAXIMUM AIR PERMEABILITY FOR AN OPTIMUM SLEEPING CLIMATE

High air permeability guarantees a pleasant and restful sleeping climate:

foam.hybrid verde	25 l/min
foam.hybrid classic	20 l/min
Standard type	12 l/min

Complementary to the **foam.hybrid verde** range, we also offer high resilient foams in **foam.comfort** quality. These contain a lower proportion of castor oil and combine a long service life with consistent quality.



We are NEVEON and foam is our world.

As a strong partner of both trade and industry we offer foam solutions for a huge range of applications, from the comfort segment through the transportation sector to a limitless variety of specialty applications. However, irrespective of how dissimilar our products and their areas of employment are, they constantly have one common goal. They offer added value and make life more comfortable, safer and sustainable.

Or, in other words, simply better!



CONTACT

We would be pleased to send you additional product information.

Contact us!

We look forward to hearing from you!

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